

# FOCUS STACKING SOFTWARE TECHNIQUE

## HOW TO IMPROVE YOUR DEPTH OF FIELD



Saturday 6 April 2013

amateur

# Photographer



PAGE 10

HANDS-ON REVIEW

## CANON EOS 100D

New 18MP digital SLR:  
Smallest and lightest ever



EXHIBITIONS

PAGE 45

## NORMAN PARKINSON

Britain's most iconic portrait  
and fashion photographer



WIN

PAGE 29

£1,900 WORTH OF KIT

APOY: The Animal Kingdom  
Win a long-zoom Lumix G5

THE WORLD'S NO.1 WEEKLY PHOTO MAGAZINE

[www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

The ultimate lightweight camera? Fast lens,  
fast AF, super resolution and highly portable

# FUJI X100S

● 16MP X-Trans sensor ● 35mm f/2 lens ● Small body



ON TEST

PAGE 51



14

£2.75



# WE'VE GOT A CAMERA TO SUIT EVERY PHOTOGRAPHER

As camera technology becomes ever more sophisticated, the goal remains the same: capturing that perfect shot. With a great range of DSLRs in store and online, we can help find the right one for you, like these Canons:



Canon EOS 600D  
with 18-55mm Lens  
and Remote and Battery

**£449**

Product support  
£4.50 per month.  
Search online for - 501278.



Canon EOS 650D  
with 18-55mm Lens

**£589.99**

Product support  
£5.50 per month.  
Search online for - 999792.



Canon EOS 60D  
with 18-55mm Lens

**£699.99**

Product support  
£7.00 per month.  
Search online for - 059417.



Canon EOS 7D  
with 18-135mm  
EF-S Zoom Lens

**£1279**

Product support  
£8.50 per month.  
Search online for - 435403.



Canon EOS 6D  
with 24-105mm  
EF Zoom Lens

**£2299**

Product support  
£8.50 per month.  
Search online for - 029178.

In store Online Mobile

**Currys**  **PC World**

we can help

currys.co.uk

pcworld.co.uk





# Contents

**Amateur Photographer** For everyone who loves photography

**IT IS** human nature to find particular colours and shapes attractive. Whether we are looking at a photograph, building, car, furniture or clothing, some things we find more aesthetically pleasing than others. Many of our purchases are based on what an item looks like, often above its functionality. There are, for instance, cars I would never want to be seen in, regardless that their low fuel-consumption would save me a fortune and help the environment. But does it matter what our cameras look like?

Take the Fujifilm X100S. Like its predecessor, it's built in the style of a half-century-old rangefinder camera, but with all the modern conveniences of digital imaging. The images it produces are excellent

(see our test on pages 51–56), but I'm drawn to the X100S just as much for the way it looks, which, of course, has no bearing on my images. Conversely, there are some cameras that aren't the nicest to look at, yet produce great pictures.

So while we know that appearance shouldn't matter – a camera's just a tool for taking photographs, after all – every once in a while there comes along one that offers the perfect combination of superb image quality and high-quality design.



**Richard Sibley**  
Technical editor

## NEWS, VIEWS & REVIEWS

### 5 NEWS

Canon EOS 100D announced, but may go against CSCs; British equestrian eventing pictures rights row; Leica now fulfilling pre-orders for Leica M; Fox Talbot archive may be lost to the nation; National Media Museum stems decline

### 12 REVIEW

The latest books, exhibitions and websites

### P90 Tony Kempen's Coronet Midget



© TONY KEMPLEN

### 90 THE FINAL FRAME

Tony Kempen wields the tiny Bakelite Coronet Midget toy camera, which was made in Birmingham in the 1930s

## TECHNIQUE

### 16 PHOTO INSIGHT

David Ward revisits his shot of a tree's shadow falling across an abandoned building

### 20 RETOUCHER'S GUIDE

Martin Evening explains how to use Photoshop for focus stacking – combining shots taken at different focus distances for totally sharp images

## P10

The 18-million-pixel Canon EOS 100D



## TESTS & TECHNICAL

### 10 CANON EOS 100D

Phil Hall gets hands on with the 'world's smallest consumer DSLR'

### 50 TESTBENCH

Vanguard GH-300T pistol-grip ball head and Think Tank Photo Glass Limo backpack

### 51 FUJIFILM X100S

In 2011, the elegant Fujifilm X100 took the world by storm. Tim Coleman tests its successor, the X100S, which features an upgraded 16.3-million-sensor

### 58 ASK AP

Our experts answer your questions

## YOUR WORDS & PICTURES

### 14 LETTERS

AP readers speak out on the week's issues

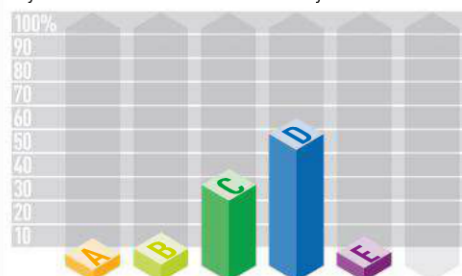
### 15 BACKCHAT

AP reader Kevin O'Donnell says it's not what you've got, but how you use it that counts

## THE AP READERS' POLL

**IN AP 16 MARCH WE ASKED...**

Which focal length, on a full-frame camera, would you use if you wanted to create a sense of reality?



**YOU ANSWERED...**

A 21mm	3%
B 28mm	7%
C 35mm	32%
D 50mm	54%
E 75mm	4%

**THIS WEEK WE ASK...** Would the look of a camera ever affect your decision as to whether you purchase it or not?

**VOTE ONLINE** [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

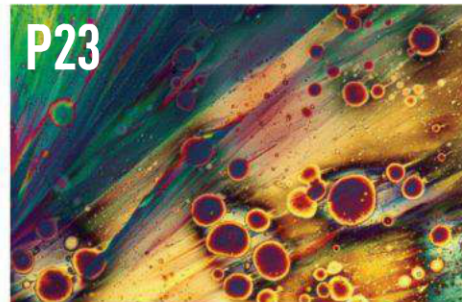
## 29 APOY ROUND 3

The subject of this latest round, the Animal Kingdom, is very popular with photographers. So expect stiff competition for prizes worth more than £1,900.

## 32 READER SPOTLIGHT

Another selection of superb reader images

## FEATURES



© MAREK MIS

### P23 23 SMALL WORLD

Polish photographer Marek Mis takes us on a journey through the rich world of microphotography and shows Jon Severs how it's done

### 38 ICONS OF PHOTOGRAPHY

Robert Doisneau's playful and sometimes touching photographs create a positive and poetic view of everyday life in Paris, writes David Clark

### 45 STYLE OF THE CENTURY

Norman Parkinson took fashion out of the studio to create natural-looking images combining grace and style. In the centenary of his birth, David Clark looks at his life and work

**HOW TO HAVE YOUR PICTURES PUBLISHED IN READER SPOTLIGHT** Send in a selection of up to ten images. They can be either a selection of different images or all have the same theme. Digital files sent on CD should be saved in a Photoshop-compatible format, such as JPEG or TIFF, with a contact sheet and submission form. Visit [www.amateurphotographer.co.uk/spotlight](http://www.amateurphotographer.co.uk/spotlight) for details. We cannot publish images without the necessary technical details. Each RGB image should be a minimum of 2480 pixels along its longest length. Transparencies and prints are also accepted. We recommend that transparencies are sent without glass mounts and posted via Special Delivery. For transparencies, prints or discs to be returned you must include an SAE with sufficient postage.

**HOW TO CONTACT US** Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU **AP Editorial Telephone:** 0203 148 4138 **Fax** 0203 148 8123 **Email** [amateurphotographer@ipcmedia.com](mailto:amateurphotographer@ipcmedia.com) **AP Advertising Telephone:** 0203 148 2516 **Email** [mark\\_rankine@ipcmedia.com](mailto:mark_rankine@ipcmedia.com) **AP Subscriptions Telephone:** 0844 848 0848 **Email** [ipcsubs@quadrantsubs.com](mailto:ipcsubs@quadrantsubs.com) **AP test reports Telephone:** 01707 273 773 [www.testreports.co.uk/photography/ap](http://www.testreports.co.uk/photography/ap)





## Nikon Digital SLR

### D5200

24.1 MP  
DX format  
Vari-angle LCD screen  
Full HD Movie  
Discover new perspectives with the inspirational Nikon D5200  
Available in Black, Red and Bronze  
D5200 Body ..... £679.00 £9.96 P/m  
D5200 18-55 Kit ... £759.00 £11.13 P/m

### D7000

16.2 MP  
CMOS sensor  
Full HD Video Recording  
D7000 Body ..... £679.00 £9.96 P/m  
D7000 18-55 VR Kit ... £759.00 £11.13 P/m  
D7000 18-105 VR Kit ... £829.00 £12.16 P/m  
FREE NIKON GOLLA BAG & 16GB CARD WORTH £63

### D5100

16.2 MP  
DX-format  
CMOS sensor  
Full HD Movies  
D5100 Body ..... £369.00 £7.58 P/m  
D5100 18-55 Kit ... £439.00 £7.72 P/m  
D5100 18-55 + 55-200 VR Twin Lens Kit £599.00 £8.78 P/m  
FREE NIKON GOLLA BAG & 16GB CARD WORTH £63

### D600

24.3 MP  
CMOS sensor  
39-point AF system  
Create Full frame Images  
D600 Body ..... £1449.00 £21.26 P/m  
D600 24-85mm Kit ... £1823.00 £26.74 P/m  
D600 24-70mm Kit ... £2389.00 £35.05 P/m

### D3100

14.2 MP  
Full HD movie clips  
Intuitive use  
EXPED 2 Engine  
D3100 & 18-55MM VR Lens £329.00 or £7.72 Per month  
D3100 18-55 + 55-300 VR Twin Kit £569.00 or £8.34 Per month  
FREE NIKON GOLLA BAG & 8GB CARD WORTH £55

### D800

36.3 MP  
FX sensor  
Autofocus system  
Full HD Video  
Optical Low Pass  
D800 DSLR Body .. £1929.00 £28.30 P/m  
D800 & Tamron 24-70 Lens £2799.00 £40.77 P/m

### D3200

24.2 MP  
EXPED 3 Engine  
Full HD movies  
Wireless Capability  
D3200 Body ..... £369.00 £7.58 P/m  
D3200 18-55 VR Kit .. £429.00 £7.55 P/m  
FREE NIKON GOLLA BAG & 16GB CARD WORTH £63

### D800E

36.3 MP  
FX-format sensor  
Broadcast quality video  
Optical low pass filter  
D800E Body ..... £2349.00 £34.46 P/m  
D800E & Tamron 24-70 Lens £3199.00 £46.93 P/m

### D7100

24.1 MP  
DX format  
CMOS Sensor  
Optical low pass filter  
D7100 Body ..... £1099.00 £45.79 P/m  
D7100 + 18-105mm ... £1299.00 £54.12 P/m  
FREE NIKON GOLLA BAG & 16GB CARD WORTH £63

### D4

16.2 MP  
FX sensor  
Amazing speed  
Full HD Video  
Shooting Features  
User Friendly Enhanced Connectivity  
D4 DSLR Body .... £4299.00 £61.61 P/m

## Nikon Zoom Lenses

Nikon lenses are regarded as among the best optics in the world



10-24mm f3.5-4.5 G AF-S DX Lens .....	£649.00	£9.52 P/m	28-300 mm f3.5-5.6G ED VR Nikkor ....	£689.00	£10.10 P/m
14-24mm f2.8G ED AF-S NIKKOR .....	£1339.00	£19.64 P/m	24-120 mm f4G ED AF-S VR Nikkor ....	£829.00	£12.16 P/m
16-35mm f4G ED VR AF-S NIKKOR .....	£849.00	£12.45 P/m	55-300 mm f4.5-5.6G ED DX AF-S VR ...	£289.00	£N/A P/m
16-85mm f3.5-5.6G ED VR AF-S DX .....	£449.00	£7.90 P/m	70-200mm f2.8G ED VR II .....	£1639.00	£24.04 P/m
17-55 mm f2.8G ED-IF AF-S DX Zoom ...	£1049.00	£15.39 P/m	70-300 mm f4.5-5.6G AF-S VR Nikkor ..	£449.00	£7.90 P/m
18-200mm f3.5-5.6 G ED VR II AF-S .....	£599.00	£8.78 P/m	80-400 mm f4.5-5.6D ED VR AF Nikkor .	£1269.00	£18.62 P/m
18-300mm f3.5-5.6 ED VR AF-S DX .....	£699.00	£10.25 P/m	NEW 80-400mm f4.5-5.6G ED VR .....	£2449.00	£102.04 P/m
24-70mm f2.8G ED AF-S NIKKOR .....	£1269.00	£18.62 P/m	200-400mm f4G ED VR II AF-S NIKKOR .	£4945.00	£72.55 P/m

## Nikon Prime Lenses

Fixed focal length, The ultimate in image quality for your Nikon DSLR



10.5mm f2.8G ED DX Fisheye .....	£559.00	£8.20 P/m	85mm f1.4G AF-S Nikkor .....	£1199.00	£17.59 P/m
24mm f1.4G AF-S NIKKOR .....	£1499.00	£21.99 P/m	200mm f2G ED-IF AF-S VR NIKKOR .	£4149.00	£60.87 P/m
35mm f1.4G AF-S .....	£1349.00	£19.79 P/m	300mm f2.8G AF-S ED VR II Lens ..	£4045.00	£59.35 P/m
35mm f1.8G AF-S DXs .....	£159.00	-----	400mm f2.8G ED VR AF-S NIKKOR ..	£7159.00	£105.04 P/m
AF-S 50mm f1.4G Lens .....	£295.00	-----	500mm f4G ED VR AF-S NIKKOR ...	£5950.00	£87.30 P/m
50mm f1.8G AF-S NIKKOR .....	£155.00	-----	600mm f4G ED VR AF-S NIKKOR ..	£7189.00	£105.48 P/m
85mm f1.8G AF-S NIKKOR .....	£379.00	£7.78 P/m			

## Nikon Macro Lenses

Get super close to your subject



40mm f2.8G AF-S DX Micro NIKKOR .....	£196.00	-----
60 mm f2.8D AF Micro-Nikkor .....	£409.00	£8.40 P/m
60mm f2.8G ED AF-S Micro NIKKOR .....	£409.00	£8.40 P/m
85mm f3.5G ED VR AF-S DX Micro .....	£389.00	£7.99 P/m
105mm f/2.8G AF-S VR Micro-Nikkor ....	£639.00	£9.37 P/m

## Nikon Compact System



**NIKON J2**  
Quick, Intelligent Camera System



**NIKON V2**  
Interchangeable Lens System

J2 10-30mm Kit - £329.00 £7.72 P/m  
J2 Twin Lens Kit - £449.00 £7.90 P/m

V2 10-30mm Kit - £799.00 £11.73 P/m  
V2 Twin Lens Kit - £969.00 £14.23 P/m

## Nikon Teleconverters

## Nikon Speedlight Flash

TC-14E II Teleconverter £319.00 £7.48 P/m	TC-17E II Teleconverter £319.00 £7.48 P/m	TC-20E II Teleconverter £319.00 £7.48 P/m	TC-20E III Teleconverter £389.00 £7.99 P/m
--	--	--	---

Nikon SB700 Speedlight £239.00	Nikon SB910 Speedlight £359.00 £7.37 P/m
-----------------------------------	---

Nikon SBR1 C1 Commander Close Up Speedlight  
£579.00 £8.49 P/m





'Smallest, lightest' DSLR ever • 18MP sensor • £569 body only

## CANON EOS 100D IN FIGHT WITH CSCs?

**THE DIMINUTIVE** Canon EOS 100D DSLR looks set to compete directly with the growing army of compact system cameras.

Canon says the EOS 100D is 25% smaller and 28% lighter than the company's current 650D DSLR.

Trumpeted as the smallest and lightest DSLR on the planet, the EOS 100D is due on sale at the end of April, priced £569 (body only).

Canon hopes the new model will attract consumers hooked on traditional SLR features such as an optical viewfinder, appealing to those who shirk electronic viewfinders found on CSCs which Canon regards as a 'compromise'.

Although David Parry, from Canon UK's Product Intelligence Team, said the firm is not targeting CSC users, the company will no doubt be hoping the EOS 100D wins over those thinking of buying into a market born in 2008, when Panasonic announced the Lumix DMC-G1 as a smaller, lighter alternative to a DSLR.

For its part, Canon sees its own mirrorless system camera, the EOS M – which was announced last year – as aimed at a completely different consumer to the DSLR devotee. Parry said he was not able to comment on whether the launch of the EOS 100D is set to influence any plans for further Canon CSCs.

The EOS 100D features an 18-million-pixel APS-C Hybrid CMOS AF II imaging sensor built to allow phase-detection pixels



to cover 80% of the imaging surface, in a bid to boost AF speed and tracking performance when using live view and shooting full HD movies. At the time of writing, Canon had yet to confirm the proportion of the imaging surface covered by phase-detection pixels in previous sensors.

Weighing 407g and measuring 116.8x90.7x69.4mm, the 100D sports a fixed 3in (1.04-million-dot resolution) Clear View II touchscreen, a top burst rate of four frames per second and ISO 100-12,800, expandable to 25,600.

Also included is a nine-point AF system, incorporating one cross-type sensor.

To help cut down the camera's overall size, the 22.3x14.9mm CMOS is housed in a 'smaller' sensor unit, explained Parry in an interview with AP. The dimensions of the AF unit have also been reduced, he added.

New creative shooting options include the ability to preview filter effects alongside an unfiltered JPEG image – at the same time on the LCD screen in live view – to help the photographer before they take the shot. Filter effects include fisheye and miniature.

In a nod to movie-makers and to coincide with the launch, Canon has unveiled a revamped IS version of its 18-55mm standard zoom, featuring 'near-silent' STM [Stepper Motor] technology to help reduce focusing noise.

The EF-S 18-55mm f/3.5-5.6 IS STM boasts a 4-stop Image Stabilizer (IS), a manual focusing ring and minimum focus of 25cm.

The EOS 100D uses the same battery as the EOS M, which is designed to deliver 380 shots.

The EOS 100D will also be available in a £699 outfit that includes the new 18-55mm lens, and a twin-lens kit with the 18-55mm and 40mm f/2.8 lenses, priced £859. The new 18-55mm lens will be available separately, priced £239.

● See our hands-on review of the Canon EOS 100D on pages 10-11 of this issue

## SNAP SHOTS

● For the first time in its history, the National Union of Journalists (NUJ) is set to have a nationally elected Photographers' Council. Its function will be to 'look after the interests of lens-based journalists,' says the NUJ. The council will be made up of ten seats, hold four meetings per year and takes effect from this month.

● A self-confessed 'wedding crasher with a camera' has won Photographer of the Year in awards hosted by *Wedding Ideas* magazine. Chris Barber, who is based in Birmingham, said afterwards: 'Expressions are important to me because you can't pose them. Shooting a belly laugh requires so much more than qualifications and technical training – I have to interact and lose myself in what I do.'

## ZEISS NAMES TOP PHOTOGRAPHER

**POLISH** photographer Mateusz Martyna has triumphed in the Carl Zeiss Photo Contest. Martyna's image, entitled 'Handplant at Tatra Mountains' (right), shows a snowboarder as he performs a daring manoeuvre.

The 2012 contest, which carried the theme 'The moment that knows no limits', was held on Flickr, where members voted for entries shortlisted by competition judges.

Martyna said: 'I have been photographing for so long. Winning this year's Carl Zeiss Photo Contest makes me proud and shows that my efforts have paid off.'

The runner-up was named as Mac Kwan from China, who took a picture of four children playing in an old Jeep.

Entries were required to have been shot using a Zeiss lens, and Zeiss said that around 1,900 votes were cast on Flickr during a two-week evaluation period.



Martyna's shot interpreted the theme in a 'spectacular way'



## Do you have a story?

Contact Chris Cheesman  
Tel: 0203 148 4129  
Fax: 0203 148 8130  
amateurophtographer  
@ipcmmedia.com



A week of photographic opportunity

## PHOTO DIARY



### Wednesday 3 April

**EXHIBITION** Graham Nash: Life on the Road, until 26 May at Proud Camden, The Horse Hospital, London NW1 8AH. Tel: 0207 482 3867. Visit [www.proud.co.uk](http://www.proud.co.uk). **EXHIBITION** London Underground, celebrating 150 years of the Tube, by Singaporean photographer Yangchen Lin, until 6 April at The Strand Gallery, London WC2N 6BP. Tel: 0207 839 4942. Visit [www.thestrandgallery.wordpress.com](http://www.thestrandgallery.wordpress.com).

### Thursday 4 April

**EXHIBITION** Forest Form (landscape photography) by David Anthony Hall, until 12 May at Stone Theatre Gallery, London SE1 7DR. Tel: 0207 021 0020. Visit [www.stonetheatre.com](http://www.stonetheatre.com). **EXHIBITION** The Tannery, until 23 June at Royal Albert Memorial Museum & Art Gallery, Exeter, Devon EX4 3RX. Tel: 01392 265 858. Visit [www.rammuseum.org.uk](http://www.rammuseum.org.uk).

### Friday 5 April

**EXHIBITION** Alchemy – The Tango Connection, includes work by photographer Aaron Davies, until 27 April at The Grant Bradley Gallery, Bristol BS3 4AQ. Tel: 0117 9637 673. Visit [www.grantbradleygallery.co.uk](http://www.grantbradleygallery.co.uk). **EXHIBITION** Iraq: Photographs by Sean Smith, until 2 February 2014 at IWM North, Manchester M17 1TZ. Tel: 0161 836 4000. Visit [www.iwm.org.uk](http://www.iwm.org.uk).

### Saturday 6 April

**EXHIBITION** Therbligs and the Beauty of Movement, until 13 April at New Art Exchange, Nottingham NG7 6BE. Tel: 0115 924 8630. Visit [www.nae.org.uk](http://www.nae.org.uk). **EXHIBITION** Studio Settings: Photographing Royal Academicians, until 2 June at Leighton House Museum, London W14 8LZ. Tel: 0207 602 3316. Visit [www.leightonhouse.co.uk](http://www.leightonhouse.co.uk).

### Sunday 7 April

**DON'T MISS** Winchelsea Easter Spring Walk (10am-noon) at Bodiam Castle, Bodiam, East Sussex TN32 5UA. Tel: 01580 830 196. Visit [www.nationaltrust.org.uk](http://www.nationaltrust.org.uk). **EXHIBITION** Railway photography by Robert Day (last day) as part of Format 13 photo festival, at The Chocolate Factory, Derby DE1 2LX. For festival details call 01332 290 606. Visit [www.formatfestival.com/venues/chocolate-factory](http://www.formatfestival.com/venues/chocolate-factory).

### Monday 8 April

**EXHIBITION** Man Ray Portraits, until 27 May at National Portrait Gallery, London WC2H 0HE. Tel: 0207 306 0055. Visit [www.npg.org.uk](http://www.npg.org.uk). **EXHIBITION** Landmark: The Fields of Photography, contemporary works, until 28 April at Somerset House, London WC2R 1LA. Tel: 0207 836 7613. Visit [www.somersetthouse.org.uk](http://www.somersetthouse.org.uk).

### Tuesday 9 April LATEST AP ON SALE

**EXHIBITION** Cairo to Constantinople: Early Photographs of the Middle East, until 21 July at The Queen's Gallery, Palace of Holyroodhouse, Edinburgh EH8 8DX. Tel: 0131 366 5100. Visit [www.royalcollection.org.uk](http://www.royalcollection.org.uk). **EXHIBITION** East End Faces, by David Bailey, until 26 May at William Morris Gallery, London E17 4PP. Tel: 0208 496 4390. Visit [www.wmgallery.org.uk](http://www.wmgallery.org.uk).

Defunct website charges for photo retrieval

## PHOTOGRAPHERS TO PAY FOR LOST IMAGES

**PHOTOGRAPHERS** who failed to retrieve images from photo-sharing website Fotopic.net, whose owner ceased trading two years ago, now have to pay to get them back.

In 2011, many photographers expressed outrage when their images vanished from the site without warning (see AP 16 April 2011).

Owner Snappy Designs Ltd only admitted that Fotopic.net had hit the buffers when AP tracked down its boss Stephen Dyer, a director of the company.

Estimates at the time suggested there may have been up to two million pictures stored on the site, with thousands of active users.

Last year, photographers raced to recover lost pictures when they were told they could download them once again.

However, it is no longer possible to retrieve images for free.

A statement posted on the site confirms that access was 'deactivated' on 28 February, adding that a 'charge will be made for accessing individual photo libraries'.

The site subsequently granted members a little extra time to access images for free, but this ended on 20 March (see below).

A member of the Bureau of Freelance Photographers (BFP) has reported problems downloading images, according to BFP's legal adviser Stewart Gibson.

The Fotopic.net website does not immediately make clear how much it will cost photographers to recover their photos.

At the time of writing, the site's technical team had not responded to an emailed request for comment.

### Fotopic Update

#### Update as of 21/03/2013:

Due to server overload we have had to restrict access to Fotopic to users with usernames commencing with numbers "0"- "9", and the letters "A" and "B"

#### Update as of 20/03/2013:

Users with large image galleries continue to access and crash our servers. We will soon disable access to such accounts to make it possible for others to download their pictures. We have so far offered the Fotopic download as a free service but are having to spend (paid) time of our developer to deal with people's issues. Please stop the complaints.

It was a team decision and effort and sheer determination to get the system up and running again this far. To us it is just hassle and cost but the knowledge that people are salvaging their cherished images, which makes it all worthwhile for us. Please respect that and praise the things that work before you criticize the things that don't.

We have extended the time available for free downloads to 7th April 2013.

We have noticed that there are about 100,000 images that were stored on another external server. These images have been irretrievably lost. Please note, however, that all in all 99.9% of all pictures have been able to be downloaded by their account holders. We are delighted about that.

After 7th April 2013 a charge will be made for access to individual photo libraries and for sending out images on a CD.

Kind regards  
The Fotopic Team

## AMATEURS URGED TO ENTER AOP AWARDS

**AMATEUR** photographers are urged to enter the Association of Photographers (AOP) Awards, which features an Open category that non-members can enter.

'The Open Awards has no categories or themes, but recognises all forms of outstanding imagery shot by professionals and amateurs alike,' say organisers.

Prizes will be awarded to Best in Show, Public Choice Award, Best Photographer Member, Best Assistant Member and Best Student Member.

Entry to the Open category will be from 2 April-31 May 2013.

Organisers say there will be an 'early-bird' discount on entry fees for non-members until 12 April, so they pay £15 instead of £18 after that date.

For full details, visit the awards website at [awards.the-aop.org](http://awards.the-aop.org).

The AOP was formed in 1968 as the Association of Fashion and Advertising Photographers. It changed its name to The Association of Photographers in 1993.



## SNAP SHOTS

● Nikon is running a series of DSLR cashback promotions until 31 May 2013. The offers range from £30 on the D3100 to £150 for the D600. Deals are also available on the D3200, D5100, D5200 and D7000. Qualifying claims must be submitted by 30 June 2013. For full details visit [www.nikon.co.uk/cashback](http://www.nikon.co.uk/cashback).

● Canon's spring DSLR cashback deals include £160 on the EOS 5D Mark III and £80 on the 7D. Customers can also claim £100 on the EOS 6D and £65 on the EOS 60D. Selected lenses, printers and compact cameras also feature in the promotions, which run until 31 May 2013. For full details visit [www.canon.co.uk/springcashback](http://www.canon.co.uk/springcashback).

● Leica UK says it has started to fulfil pre-orders for the Leica M, which was due to be launched in early 2013. The news follows reports that the Leica M had been delayed until April. 'There has been a very high demand for the latest milestone in the evolution of the iconic M system,' a Leica UK spokesperson told AP.



## Do you have a story?

Contact Chris Cheesman  
Tel: 0203 148 4129  
Fax: 0203 148 8130  
[amateurphotographer@ipcmedia.com](mailto:amateurphotographer@ipcmedia.com)

Rules attacked as unfair and unenforceable

# AMATEURS CAUGHT IN HORSE PICTURES RIGHTS ROW

**AP RIGHTS WATCH**  
Committed to defending your photographic rights!

**THE GOVERNING** body for British horse trials has been forced onto the back foot after urging event organisers to ban unofficial photographers taking pictures they plan to sell.

Photographers have taken to Facebook to vent their anger, claiming the move will lead to unfair targeting of innocent spectators using professional-looking camera equipment, and will be impossible to police.

The rules were drawn up by British Eventing (BE), the national governing body for showjumping, dressage and cross-country, which oversees more than 180 horse-related events. Its founders include Captain Mark Phillips, former husband of the Princess Royal.

British Eventing is not connected to British Showjumping, a separate body.

On its website on 8 March, BE stated: 'To address the problem of amateur or unapproved photographers undercutting the businesses of approved or official photographers, BE recommends the Event enforce a strict policy of preventing photography (except for private use) at the Event without authorisation.'

BE went on to say: 'The Event only permits authorised photographers at events and provides those authorised persons with identification as an official photographer which can be checked by stewards and other officials.'

The organisation said it drew up the notice after receiving reports of 'unsolicited' photography, which it describes as people



taking photos for commercial purposes, without the organiser's permission.

Gus Winterman, a semi-professional photographer, said he has been left disgusted.

## QUIZZED AND TARGETED

On the BE Facebook page, he wrote: 'Amateur or semi-pro photographers will undoubtedly be quizzed and targeted purely because they have a big lens, which is quite ridiculous.'

'These people are not the threat to the

official photographers... why? Because we all watermark our shots.'

Amateur photographer Will Baxter has also blasted BE. An equestrian enthusiast for 30 years, Baxter believes the rules are unenforceable and will require extensive manning levels at events.

'Everyone has a camera in their pocket now, especially in the equestrian arena, so you pick on people with the big lens, like myself,' he claimed, adding that he uses professional-standard camera gear at horse shows. Baxter has threatened to visit 'unaffiliated' horse events instead.

'It's not about the lens and camera size,' added Winterman.

'I took a photo of [Italian horse rider] Vittoria Panizzon at Greenwich using a £69 compact from Argos. That picture now hangs in the HQ of the Federazione Italiana Sport Equestri in Rome... If anyone feels undercut by non-official photography, surely the moral is "up your game".'

BE has since removed the rules from its website, fearing the move will 'mislead' people into thinking it was 'normal policy'.

But, despite being pulled from the site, the body has confirmed that it has advised organisers to enforce them.

BE denies it will target legitimate amateurs and claims organisers 'generally use a common-sense approach'.

A BE spokeswoman insisted that the photography guidelines are simply a 'recommendation' to organisers 'should they want to take action to restrict photography at their events'.

# FUTURE OF FOX TALBOT ARCHIVE IN DOUBT

**THE FUTURE** of a treasured archive belonging to photography inventor William Henry Fox Talbot has been thrown into doubt as the deadline to raise £1m needed to secure the collection expires.

In January, the Bodleian Libraries, the main research library at the University of Oxford, said it needed to raise £1m by the end of February to meet the £2.2m purchase price required to take the collection out of private hands.

The Libraries had already won £1.2m from the National Heritage Memorial Fund.

At the time, campaigners said that acquisition by the university would give scholars and the public access to Fox Talbot's historic personal archive.

The collection is the 'only significant Talbot collection remaining in private

hands,' according to the university.

It is currently owned by the family of the British photography inventor, but is now with a dealer in New York who is selling it on their behalf.

On 28 February, project organisers made an 11th-hour plea for cash on Twitter – the day they were given as the deadline to raise the funds.

At the time of writing, it was unclear whether Bodleian Libraries has been granted an extension to the deadline.

The Libraries declined to comment when first approached by AP, saying only that it would be making a statement in due course.

However, a spokesperson later said that Bodleian Libraries would seek to issue a statement shortly.





AP  
THIS  
WEEK  
IN...

1931

As the UK attempts to recover from the horse-meat scandal of 2013, 82 years ago the horse was treated to somewhat more positive publicity, albeit after apparently failing to inspire the photographer in the same way as dogs. AP informed readers that most horses were a suitable subject matter for 'practically any type of hand camera with a reliable shutter', adding: 'In spite of the development of mechanical means of transport, the horse still holds his own in the world, and, patient animal that he is, will pose motionless for even the long exposure of the cheapest camera. He will also, on the other hand, provide the speed specialist with some difficult shots, by hurtling over hedge and brook on the hunting-field or when steeplechasing.'

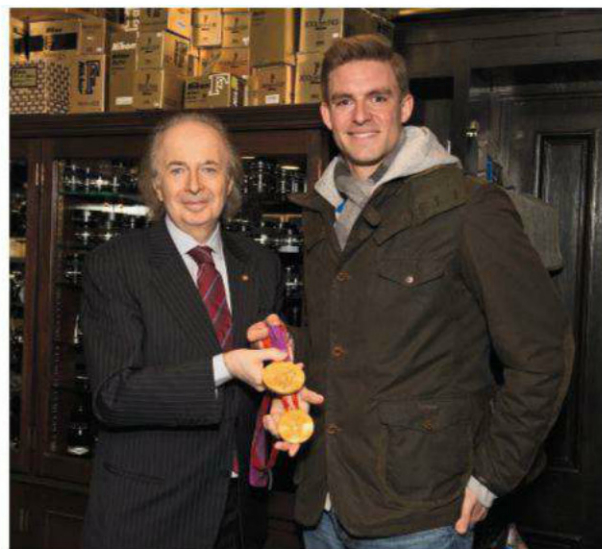


## SNAP SHOTS

● A 'stunning shot' of Corfe Castle in Dorset has won a UK-wide contest staged by *National Geographic Traveller* magazine. Mike Byford won a £2,000 Fujii camera and a trip to Utah in the United States. The six runners-up were Brandon Griffiths, Steven Feather, Joanna Szweczyk, Frances Davies, Matt Herring and Gerald Robinson.

● An imaging trade show billed as the largest in Ireland is set to take place in Dublin on 28 April. Photo Fest Ireland is expected to feature major industry brands and free seminars. It takes place from 10am-6pm at the Crowne Plaza hotel, Northwood Park, Santry, Dublin 9. Tel: 00353 1 862 8888. For details visit [www.photofestireland.com](http://www.photofestireland.com).

● Lens maker Tokina has appointed DayMen International as its new UK distributor. DayMen International is based at Merryhills Enterprise Park, Park Lane, Wolverhampton, West Midlands WV10 9TJ. For details call 0845 250 0790.



## Rower at Grays of Westminster

# NIKON DEALER HAS DOUBLE GOLD VISIT

**STAFF** at Nikon dealer Grays of Westminster say they have been inspired to raise customer service 'to even greater heights' after a visit from a double Olympic gold medallist.

Olympic rower Pete Reed MBE spent nearly three hours in the Pimlico-based store recently, before leaving 'laden down' with Nikon kit.

Founder Gray Levett said Reed told him afterwards: 'You have a wonderful place and a cracking group of people around you...'

'It was an honour to have so much of your time and a personal tour all afternoon - and it's great to know that I can come back anytime.'

Gray (pictured above left with Reed) added: 'He graciously showed all the staff his two gold medals and we told him what an inspiration he was to us all.'

It has been a busy few weeks for Grays. In AP 30 March, we reported the store's discovery of a rare pre-production Nikon F, which it has put on sale for £250,000.

# PHOTO MUSEUM STEMS DECLINE IN VISITORS

**THE NATIONAL** Media Museum (NMM) has seen an increase in visitors amid a restructure triggered by a 50% fall in numbers over the previous decade.

The museum, which is based in Bradford, West Yorkshire, pulled in 504,000 visitors in 2012. This marks a rise of 4.8% on the previous year, according to figures released by the Association of Leading Visitor Attractions (ALVA).

The NMM's head of collections and exhibitions, Michael Terwey, told AP he was delighted by the news.

'The success of our summer exhibition, In the Blink of an Eye: Media and Movement... was particularly gratifying, with almost 70,000 visitors,' he said.

The NMM's discovery of the 'earliest colour moving footage', along with experimental screenings of new television technology, also pulled in large crowds, he added.

The museum is home to the Royal Photographic Society collection and the earliest surviving negative created by British photography pioneer William Henry Fox Talbot.



## Do you have a story?

Contact Chris Cheesman  
Tel 0203 148 4129  
Fax 0203 148 8130  
amateur photographer  
@ipcmmedia.com

# CLUBNEWS

Club news from around the country

## THE LONDON SALON OF PHOTOGRAPHY

There's still time to enter the Salon's 102nd print exhibition. Competitors can submit up to four prints, mounted or unmounted, but are urged to submit digital files as well where possible. The contest, which is open to all, costs £10 for images entered online (in addition to return postage and re-packing of prints). Prints sent by post cost £12. Selected images are expected to go on show in London, Birmingham and Edinburgh. The closing date for online entries is 14 April and for postal submissions it is 24 April. For full details visit [www.londonsalon.org](http://www.londonsalon.org).





# WHITE WALL

Some images shown are WhiteWall.co.uk editions, e.g.: S. Hagge, F. Holland, F. Walderfuerer, H. Droste, T. Tarcal, D. Wiecek, T. Müller, P. Fischer (detailed view)



## THE LAB FOR PHOTOGRAPHERS

Special of the Month

Direct print behind  
acrylic glass

from **5.90**



1. Upload picture
2. Choose from professional prints, aluminium or acrylic mountings, canvases, framings
3. Select your format to the exact inch
4. Quick delivery from the lab direct to you



Phone: 020 3411 1846  
E-mail: [info@WhiteWall.com](mailto:info@WhiteWall.com)

**WhiteWall.co.uk**





**Left: Canon's new EOS 100D is the smallest DSLR currently available**

**Below: The camera costs £699 with the 18-55mm f/3.5-5.6 IS STM kit lens**

Hybrid AF II CMOS sensor module delivering an identical ISO range of 100-12,800 (extendable to 25,600) as the EOS 700D, with Canon claiming identical image quality, too.

While the EOS 100D has been subject to this weight-saving regime, it retains the company's EF-S lens mount, and not the slightly smaller EF-M mount of the EOS M mirrorless offering. Users will therefore have access to 74 Canon EF-mount lenses, as well as wide-ranging third-party offerings.

Just as we saw on the 650D, the 100D features built-in phase-detection AF pixels for improved focusing during live view and video recording, while the nine-point AF arrangement features a single cross-type AF point at the centre of the frame.

#### IN USE

I handled a pre-production model of the EOS 100D just before its official launch, and with the EF 40mm f/2.8 STM pancake lens attached it is a very diminutive piece of kit and noticeably smaller than any other DSLR currently available. In fact, you would probably have to go back to the Olympus E-450 four thirds DSLR to find something comparable, with the EOS 100D being nearer in size to Canon's PowerShot SX50 HS bridge camera. However, the bundled 18-55mm f/3.5-5.6 IS STM kit lens does add to the camera's size more than an equivalent lens fitted to a compact system.

Also, because the EOS 100D has a mirror box to facilitate an optical viewfinder, the body of the EOS 100D is deeper than a typical compact system camera, which has the luxury of omitting this in favour of an electronic viewfinder. Overall, though, the EOS 100D is a neat package.

The design of the EOS 100D follows the ethos of

AP hands-on

# Canon EOS 100D

**Phil Hall** takes a look at the Canon EOS 100D, the 'world's smallest' DSLR

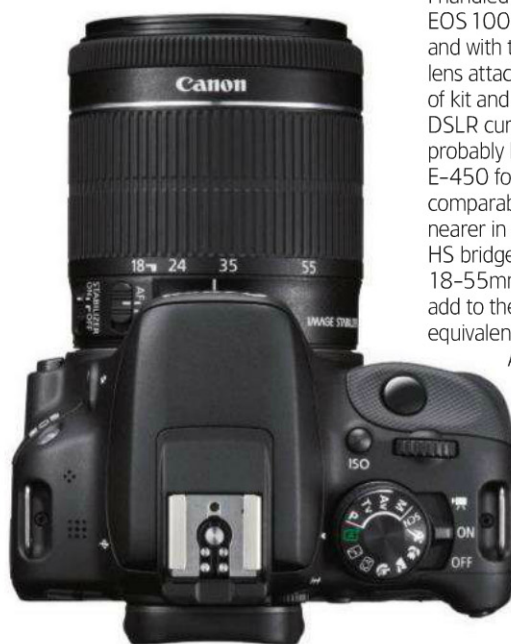
**CANON'S** latest DSLR, the EOS 100D, is the world's smallest and lightest DSLR, and by quite some way. Compared to the company's established 'consumer' DSLR, the EOS 650D, the EOS 100D is some 25% smaller, shaving off 9.1mm in height and 16.3mm in length, while Canon also claims it is 28% lighter, too, with the body weighing only 407g (with battery and card).

Canon has managed to achieve this small size by re-engineering many of the camera's internal parts. This includes a new drive system, with a smaller motor that reduces the shutter unit size, and a denser component layout that reduces the EOS 100D's main board size. The battery and secondary mirror are also smaller compared to its EOS siblings.

Impressively, the company has managed to reduce the size of the camera while still retaining an optical viewfinder, which has a relatively respectable magnification of 0.87x. As well as this, the EOS 100D features a smaller and thinner sensor unit, with a new 18-million-pixel, APS-C-sized

## AT A GLANCE

- 18-million-pixel APS-C CMOS sensor
- Hybrid AF system
- Nine AF points with one cross-type point
- ISO 100-12,800 (extendable to 25,600)
- Street price £699 with 18-55mm f/3.5-5.6 lens







other consumer-orientated EOS DSLRs, but there have been some subtle tweaks, notably around the handgrip and shutter button. The textured finish has a more modern, almost carbon-fibre look to it, that runs up around the shutter button, while the handgrip is quite a bit shallower than in other EOS models. In the hand I missed the extra purchase of a larger grip, but it's still more than adequate for general shooting, while the feel and finish are similar to that of an EOS 650D/700D.

The rear of the camera has been simplified a little compared to other EOS models, with a small all-in-one four-way multi-purpose control as opposed to dedicated four-way controls for white balance, drive, AF and picture styles. In the main, though, functionality is very similar, and while the 3in, 3:2-aspect ratio display sits flush with the body, it offers the same level of touch-sensitive control as that found on the 650D and 700D. This means a very responsive user experience, with

**Above left: With such a small body, there is little room on the rear of the camera for many buttons**

**Above right: With no lens attached, it is easy to see just how slim the new Canon EOS 100D really is**

**Below: When placed between a Canon PowerShot SX50 HS bridge camera (left) and a Canon EOS 5D (right), the new EOS 100D looks tiny**

light pinch-and-zoom and swipe gestures required for quick and easy use. The ClearView II technology employed on the display is impressive, with plenty of clarity and detail, whether you're scrolling through the menu, in live view or reviewing images.

While it features a full suite of manual controls, the EOS 100D is aimed at the new user making a step up from a compact camera, with its built-in guide and a host of auto modes for easy shooting.

Unlike electronic viewfinders found on most cameras of this size, the optical viewfinder on the EOS 100D delivers a clear and uninterrupted display, if a little tunnel-like. The nine AF points are spread fairly well across the frame, although the single cross-type point is a little disappointing.

## CONCLUSIONS

Slotting between the EOS 1100D and 600D in the Canon line-up, the EOS 100D is intended to offer another avenue

of choice for the potential user and is an interesting development. A mini EOS DSLR is sure to appeal to a wide range of people, be it first-time users or enthusiasts looking for a smaller camera to carry when they don't want the bulk of their entire kit but still want to use one or two of their lenses.

Competing not only with rival compact system camera brands such as Panasonic and its Lumix DMC-G5, the EOS 100D also appears to be a rival for Canon's own EOS M compact system camera offering, raising potential questions over the future of Canon's mirrorless strategy.

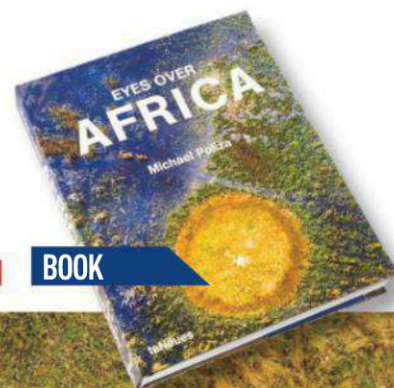
Available at the end of April and with a price of £699 when bundled with the new 18-55mm f/3.5-5.6 IS STM lens, the EOS 100D is only £50 less than the equivalent EOS 700D kit that benefits from a host of additional features, including a better specified AF and vari-angle tilt screen. Ultimately, though, that choice will come down to the user and whether size takes precedence over performance. **AP**



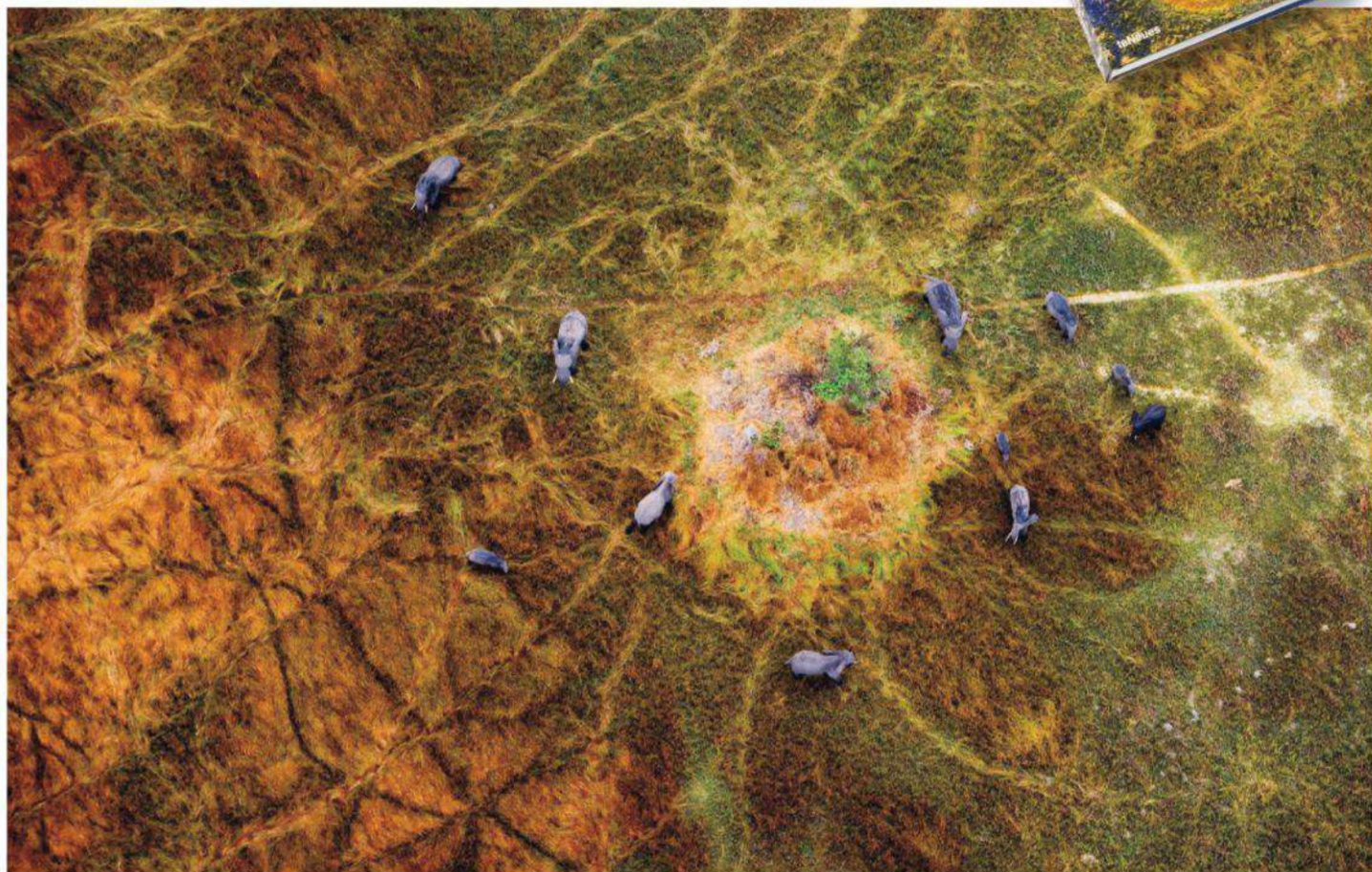


# APReview

The latest photography books, exhibitions and websites. By Jon Stapley



BOOK



© MICHAEL POLIZA



© MICHAEL POLIZA

## Eyes Over Africa

By Michael Poliza. TeNeues, £85, hardback, 408 pages, ISBN 978-3-8327-9209-1

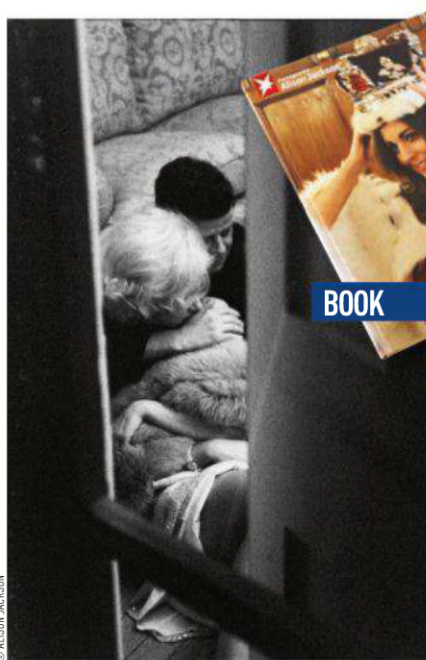
**PHOTOBOOKS** of Africa are nothing new, but Michael Poliza's eagle-eyed journey provides a refreshing perspective. On a helicopter trip across the great continent, Poliza exposes the upper side of all forms of life and landscape to be found there. He captures sweeping vistas, movements of wildlife and interactions between people, each image spread gloriously over an enormous double page. Although the scenery is dominant, and the landscapes most breathtaking, Poliza does well to capture all sides of life in Africa, including the urban vistas often forgotten by photographers in their bid to get some more shots of elephants and zebras (of which, naturally, there are several). The accompanying text provides a look behind the scenes, and the depth of planning involved is hugely impressive. It's not a cheap book, but it is spectacular.





## Fotografie Portfolio No. 70: Alison Jackson

By Alison Jackson. TeNeues, £14.95, hardback, 96 pages, ISBN 978-3-652-00071-0



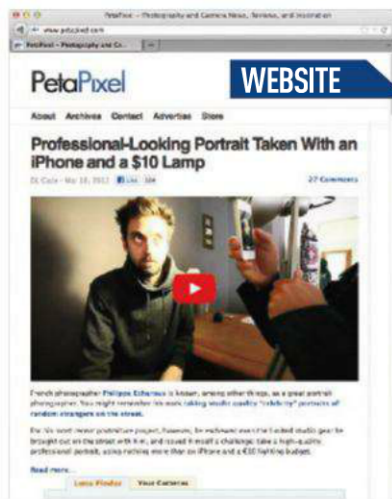
BOOK

**ALISON** Jackson uses lookalikes and grainy, heavily stylised photography to create images of 'celebrities' doing things you would never imagine. She seeks to puncture the hypocritical bubble of both reverence and intrusion that surrounds the public's relationship with the famous, the royals especially, and in that respect she triumphs. You could call this a gimmick, but it's impeccably executed. It's a book of double takes, where you're sure you saw Will and Kate cavorting half-naked in royal regalia, or JFK and Marilyn Monroe sharing an intimate moment. Even after seeing the lookalikes' real faces, the brain still can't shake the feeling that it is looking at the genuine article. The illusion is oddly hypnotic.



## www.petapixel.com

**PETA** Pixel is a photography blog that grew from relatively humble roots to become a very popular site, with more than 126,000 followers on Twitter. On browsing, it's not hard to see why. There are news posts galore, with photographic titbits from around the web and plenty of images to accompany them. The design is clean and navigation is a breeze, with a choice of sorting chronologically or by category. With a lot of content built up since 2009 it's easy to get overwhelmed at first, but if you take your time you'll find plenty to hold your interest. The site regularly updates, and is a good addition to your Facebook or Twitter feed.



WEBSITE

## Thresholds

Until April 26. Belfast Exposed Photography, The Exchange Place, 23 Donegall Street, Belfast BT1 2FF. Tel: 02890 230 965. Website: [www.belfastexposed.org](http://www.belfastexposed.org). Open Tues-Sat 11am-4pm. Admission free.

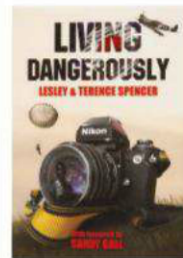


EXHIBITION

**THE WORK** of several artists has been brought together for this exhibition at the Belfast Exposed gallery. Images from Maja Daniels, Sophie Ristelhueber, Stephen Gill, Luke Stephenson, Peter Watkins and Tereza Zelenkova have been selected to explore the relationship between truth and fiction in photography. Standouts include Ristelhueber's 'Eleven Blow Ups', composites made up of images from different modern conflicts, and Daniels' series 'Monette and Mady' that documents a set of Parisian twins (see picture, left) and questions the extent to which their lives constitute a performance. Elsewhere, Gill explores the surreal in Hackney, Stephenson places domestic birds in deliberately unnatural contexts, and Watkins and Zelenkova present a documentary project on a cave in the Czech Republic. With such a variety of photographic art on offer, this is a first-rate exhibition.

# CONDENSED READING

A round-up of the latest photography books on the market



● **LIVING DANGEROUSLY** by Lesley and Terence Spencer, £10 After the Second World War, fighter pilot Terence Spencer turned to photojournalism, and together with his wife Lesley covered stories from war to celebrity throughout the 20th century. This memoir recounts the best and worst of their experiences. Although maybe wanting a few more images, it's a fun, informative read. ● **ISCA:**



● **EXETER MOMENTS** by William Oxley and Barry Davidson, £12.50 William Oxley's poetry combines with Barry Davidson's photography for this tribute to the city of Exeter, and those familiar with the town will likely find it a treat. The photography does vary in quality, with a few lacklustre shots, but it is bolstered by the quaintly photogenic nature of the city. ● **PHOTO TIPS: PRINCIPLES OF NATURE PHOTOGRAPHY**



by Heinrich, Philip and Ingrid van den Berg, £14.16 We've featured a lot of wildlife photography by the van den Berg family in recent round-ups, and this guide has been produced to help readers take great shots themselves. There are more thorough guides on the market, but few with so much great photography. This is a book to inspire the imagination, rather than to engage with technically.

Subscribe to  
**Photographer**

from under £8 a month

NOW INCLUDES

iPad edition at no extra cost

Subscribe at [www.amateurphotographersubs.co.uk/IAPMO](http://www.amateurphotographersubs.co.uk/IAPMO) or call 0844 848 0848 quoting code 14E





# Letters

Share your views and opinions with fellow AP readers every week

## LETTER OF THE WEEK

Wins a 20-roll pack of 36-exposure Fujifilm Superia ISO 200 35mm film or a Fujifilm 4GB media card\*



FUJIFILM

### MAGAZINE MAGIC

My wife got on my case recently, wanting our spare bedroom emptied of all the rubbish within. Our son is returning home from working abroad soon, hence the urgency to get the room prepared for him. The rubbish my wife was referring to was my hoard of APs – some dating back more than 40 years. 'Why do you need musty old mags all about film photography when you don't use film any more?' she'd asked! Glancing at my DSLR, I had to admit she had a point.

I flipped through a tatty issue from 1968. The price? Two shillings, or ten pence in today's money! Inside was a rather quaint method of faking ghost pictures. An AP member of staff took a flash shot of a model in a white dress descending the steps at London's Tower Bridge. Holding the shutter open, he then gave a long exposure on the bulb setting, rendering the model semi-transparent.

Ghost pictures are easy to fake in Photoshop, but that method – when I was just 14 years old – was like magic. As was my weekly dose of AP – hence my rather impressive collection.

'Who wears the trousers in your house?' smirked my mate when told of my dilemma.

'Er, you wanna help me shift 'em?' was my reply.

**Mark Patten, Tyne and Wear**

### UNRESOLVED BATTLE

I have to respond to Michael Taylor's letter in AP 23 March. While complaining that Ian Shore had been dismissive of digital users (*Backchat*, AP 9 March), he manages to disparage darkroom work pretty thoroughly, and says that his manipulation is confined to the things that we were 'trying to achieve' in the darkroom.

I take his point that digital offers total control in a way that film does not. However, this is at the price of needing to learn an

awful lot about how to use the facilities, not least Photoshop. There is a great deal to be said for allowing a little room for chance and serendipity – with film or digital.

I use both, and intend continuing to do so. I recognise all the advantages (and there are many) that digital imaging has brought, across the range from professionals (with streamlined workflow) to snappers (with greater assurance of decent results).

But there's something that tends to disappear from the equation. Once on

## Write to...

'Letters' at the usual AP address (see page 3) fax to 020 3148 8130 or email to amateur photographer @ipcmedia.com

\*IN A CHOICE OF COMPACTFLASH, SD OR MEMORY STICK. NOTE: PRIZE APPLIES TO UK AND EU RESIDENTS ONLY

\*Please indicate whether you would like to receive Fujifilm film or a memory card (please state type preferred) and include your full postal address

## Backchat

Send your thoughts or views (about 500 words) to 'Backchat' at the usual AP address (see page 3). A fee of £50 will be paid on publication

the road to digital control, a lot of people get rapidly to the point of having a rather expensive computer (or two) for their pictures, linked to a distinctly upper-bracket printer – not to mention a full edition of Photoshop, and various gizmos to ensure that everything is perfect. It's not necessarily a cheap way to work!

My favourite quote of 2011 was from an interview with David Bailey, arguably Britain's greatest living photographer. Asked about digital imaging, he said 'Well – I suppose it's good for some things.'

If it's a battle, it's as unresolvable as invading Afghanistan has always proved. Better to let the two systems co-exist, and, occasionally, give synergy, as when a digital image is turned into a photo-film negative for an archaic printing technique. Or when I put my silver-based images on the web.

**John Duder, Walsall**

### SENSE OF REALITY

AP Editor Damien Demolder's editorial in AP 16 March, asking what the perfect focal length might be for presenting a sense of reality, took me all the way back to the late 1970s. If memory serves, it was an article in AP about objects in a frame taken on a 50mm lens with 35mm film being much further away than what one remembered seeing. How could that be as, after all, a 'standard' lens saw approximately what the human eye took in? However, the brain is very selective. The article went on to suggest that a 135mm lens would give the result on film more or less as we remembered seeing.

I tried it on London Bridge looking down towards Tower Bridge with a 135mm Zuiko on my Olympus OM-1. The camera was in portrait format against my right eye, with my left eye open, looking at Tower Bridge. The resultant image in my brain was pretty much correct – the images seemed to coincide.

I used to like a 135mm optic on cameras. I soon got to 'see' pictures in that length and found it a most useful lens indeed – much the same as I like the 85mm on my Canon EOS 40D.

Now if only digital cameras could have similar white balance and dynamic range capabilities to the human eye! Perhaps not in my lifetime – I'm 70 and still snapping – but maybe one day.

**Michael Cassidy, via email**

### A STORY WORTH TELLING

I'm saddened that the family of the late Bob Carlos Clarke are having difficulty raising funds to make a film in his memory (*News*, AP 16 March). Before his death, Bob was the proverbial maverick and a true innovator. His gritty black & white pictures were exciting and original, and had his unmistakable 'dark' stamp, while his double-exposure and montage techniques were the way to go long before digital made it easy for us. Even using old items washed up on the banks of the River Thames, Bob produced a wonderful set of still lifes – superbly printed images of subject matter most of us would never have thought of. He may not have been a household name like Bailey, but I

## What The Duck





think few would argue he was a more than capable rival.

So what a shame that his family are having to resort to cap-in-hand tactics to raise money for such a worthwhile purpose. Aren't there any photographic organisations that could help finance this fitting tribute to such a remarkable photographer? It's said that his family wish to make a film rather than a TV documentary, but surely a documentary would be liable to funding by the TV company producing it? Better that than nothing at all.

It's no secret that Camelot has often handed out Lottery grants to totally bonkers causes – and endured public condemnation for it. So how about just for once it gets behind something worthwhile, like this tribute to one of photography's greats! Camelot regularly funds art projects. Who, if anyone, could claim that Bob Carlos Clarke's unique and exciting photographic archive doesn't count as art? Or that his incredible achievements, yet ultimate tragic death, isn't a story worth telling?

**Mick Bidewell, Tyne and Wear**

#### RAW DEAL FOR DEALERS

I would like to respond to James D Brown's rather boorish letter (AP 30 March) on 'progress' and the independent retailer. For those who may be thinking that John Cooper, who wrote the original letter (AP 16 March), was shedding crocodile tears, may I relate my own experiences.

Having become interested in wildlife photography, I had been looking for a suitable lens and finally settled on the Canon EF 300mm f/4L. Like many, I checked Camera Price Buster and found the lens listed on Amazon for around £1,040. With this in mind, I called at my local independent dealer from whom I had purchased my Canon EOS 30D and EOS 5D Mark II cameras in the past.

The dealer's price for the lens was just short of £300 more than internet prices and he would have had to order it in. Hearing my sharp intake of breath, he told me what he would have to pay Canon for the lens. The simple maths dictated that he would make a loss on the deal if he were to get anywhere near the £1,040 I had in mind.

The independent dealer concerned (with whom I have no connection other than being a customer) had always provided good service. Unlike James Brown's assertion, I often enter the shop to find that members of staff patiently providing advice or instruction to customers.

It is with regret that, no, I did not order the lens from the dealer. It may not buy as much as it once did, but £300 is still a lot of money! It can't possibly be right for Canon, Nikon and other manufacturers to treat their independent dealers in this way. Their business, after all, revolves around promoting those very manufacturers' products.

**John G Johnston, York**

#### NOW YOU SEE THEM...

Following your article on photographing red squirrels (AP 16 March), I headed up to the recommended Dodd Wood in Cumbria and took this picture (right) ...

**Iain Fazackerley, Lancashire**

#### NOW YOU DON'T!

I read your article on red squirrels (AP 16 March) and found it very interesting, but I would like to point out one thing about locations. I live in Hednesford, near Cannock, and I know of no one who has seen red squirrels in Cannock Chase Country Park in the past 20 years, so if you intend to travel miles to see red squirrels there, be prepared to be disappointed. I would be very upset if I had driven for hours only to find nothing when I arrived here other than lots of people on mountain bikes, children in the play area and dog walkers everywhere.

Please think hard before coming to the Chase to see red squirrels, although there are lots of other things to do plenty of other wild animal photo opportunities if you have the time and passion to seek them out.

**Rich Preece, Staffordshire**

**It's always interesting to get feedback, both good and bad, and to see readers' photographs following one of our**



**If you go down to the woods today... you might catch a glimpse of a red squirrel**

**tutorials. We're sorry Mr Preece feels the location information might be misleading. Like all wildlife photography, we can't guarantee you'll see red squirrels in these places. We were just highlighting areas where they are still known to live – Debbi Allen, deputy editor**

# BACK CHAT

## AP reader Kevin O'Donnell says it's not what you've got, but how you use it that counts

**I SHARE** AP Editor Damien Demolder's concern (AP 23 March) that certain brands, of whatever product, tend to dominate the market. And we certainly can't pretend it hasn't been happening for years in photography. The huge popularity of Nikon, Canon and Adobe (the three brands Damien referred to) are perfect examples. So why do they tend to be the most popular choices with consumers, despite being among the most expensive? The quality attainable from Nikon and Canon equipment is renowned as top-notch. Yet so too is that which many other photographers get from less expensive models by other manufacturers. And is Adobe the only image editing software we should consider?

When I played guitar in a jazz/rock band in the 1970s, the ultimate guitar for would-be players was either a Gibson or a Fender. My own choice was a much more affordable male called Shaftesbury, which was a copy of Gibson's highly desirable Les Paul model. There were dozens of local bands using Shaftesbury guitars purely for economic reasons. But they *did* do a great job. Nowadays, young guitarists can equip themselves with hugely impressive, if not big-name, instruments without facing mind-boggling costs!

The same applies with cameras. A camera-club colleague has a Panasonic Lumix DMC-FZ150 bridge camera. Another has the Leica V-Lux 3, which, prestigious red dot aside, is the same camera. Looking at the work of both photographers, you can't detect any difference in quality. You can, however, appreciate the astonishing difference in price. The V-Lux 3 owner openly admits that the name Leica emblazoned on his camera was the deciding factor in buying it.

Redundancy recently led to my having to sell off my Nikon D200. I switched to the more humble Nikon D3000. Costing just £250 with kit lens, it's a fine little camera and easily fits the bill. This entry-level model would, I believe, satisfy many discerning photographers who might otherwise opt for a more expensive model from the Nikon range.

As for photo-editing software, for several years I have been using an old ArcSoft program that came free with a digital photography book I borrowed from the library. As I tend to opt for creating images in-camera rather than post-processing, I can easily work within the ArcSoft program's limitations. Most reviews of image editing packages tend to conclude with their failing to match up to Adobe products. That said, I was rather heartened that Vincent Oliver (AP 23 March) gave a fairly positive review of the new Serif PhotoPlus X6 software. Brand leaders in all walks of life are in that position for being excellent quality products, but it's a fallacy to believe that rival products – in many cases costing considerably less – are unable to equal, or even occasionally surpass, the capabilities of their more expensive counterparts.







BRINGING  
YOU ESSENTIAL  
EXPERT ADVICE  
EVERY WEEK

# PHOTO INSIGHT

David Ward revisits his shot of a tree's shadow falling across an abandoned building, and talks about how the best photography is created with a mind open to possibilities



## DAVID WARD

David Ward is one of the UK's finest landscape photographers. With more than 20 years' experience in large-format photography, he has photographed extensively throughout the UK and in countries such as Canada, Iceland, Norway and France. He has also led workshops for Light & Land. David has written two books on his photographic philosophy called *Landscape Within* and *Landscape Beyond*. Each month, he will discuss the story behind one of his fantastic landscape photographs

**I FOUND** this image in a small town in Montana, USA, called Wisdom, population 100. It's in a place called Big Hole Valley, in Central Montana. It's not a ghost town – there are still 100 people living there – but there are quite a lot of empty properties. This particular house, which is right in the middle of town, has been deserted for 20 or 30 years, and it's slowly starting to decay. The surface that you're looking at is cedar shingles that have been painted at some stage – I would guess probably in the 1950s, judging by the colour. The shadow of the tree falling across them is from a young sapling that has just pushed its way out of the ground next to the house. The garden is slowly turning back into forest.

I had been to this house two or three years earlier and had made some quick snaps on a little Panasonic Lumix camera. There was very soft light then, and this particular image just wasn't there. Ironically, I had returned to remake one of the images I'd found before, but the lighting was different so I didn't take that shot. However, I always try to find something in the conditions I am presented with – hence this picture.

There were a couple of things I liked about this image. I loved the graphic nature of it, and I was quite intrigued about the notion of a tree's shadow falling across something that had been made from trees in the first place. In a way, there's a comparison there between life and death. The tree is flourishing, but its shadow is falling across something that is definitely not. It's the shadow of life falling across death. There's an irony in that we would think of something fresh and new as something bright, but here it's the opposite.

The lighting is absolutely key. There would be no image without that strong, direct lighting, as well as the proximity of the tree to the wall, which gives that graphic shape. This picture was shot on large format, so I used swing to make sure the wall was at an angle and that the plane of focus stuck to the wall all the way across. If I'd shot at an equivalent focal length on a fixed, rigid-body camera, then I wouldn't have had it as sharp all over, and I think the crispness is key.

I had to face the fact that I was going to lose some detail in the shadow. I was shooting on Fujichrome Velvia film in very bright conditions, and it doesn't have an enormous range. There's no way to get around that without introducing another

light source, and one way would have been to bounce some flash, or possibly use a reflector, but I didn't want to do that. I liked the fact that it was very high contrast. By exposing for the texture of the lit cedars, I ended up with the shadows being pretty much black.

The image is a tight crop, which is a habit of mine. I have this view that photography is about distillation, certainly when compared with other art forms. It's about removing the unnecessary. I wanted to make it more abstract in order to make it slightly mysterious, and also to remove it from its context. If you show the whole house and the shadow, then it's just an illustration – it doesn't have that intrigue. So, by cropping in, you remove some of those clues and, I hope, see it in a slightly different way.

When composing, I try to ignore the

**'The tree is flourishing, but its shadow is falling across something that is definitely not'**

rules. I suppose I think of it as solving a four-dimensional puzzle. When you stand in front of a subject, there are a huge number of possibilities about how you might depict that subject within the photographic frame. Lots of those are valid solutions, but the best way to do it is to try the novel solution. I try to keep my mind open so I can see an alternative, because when faced with difficult conditions it's very easy to say, 'There's nothing here, so I'll move on.' When I visit a location, I always try to think, 'Well, I can't make the photograph I had planned to do, but what else is there?' I always try to remain open-minded.

If you travel with the notion that there is a 'correct' way of photographing something, which is the rules-based notion, then you're limiting your possibilities. It would be lovely for me to say that I'm completely receptive to new ideas, but that's not true. I have opinions about what I like and what I don't like, and that will limit me to an extent, but I still try to be as open-minded as I can. It's better to travel without expectations, and I do try to do that as much as possible. **AP**

To see more of David's images or to book a place on one of his workshops, visit [www.into-the-light.com](http://www.into-the-light.com)

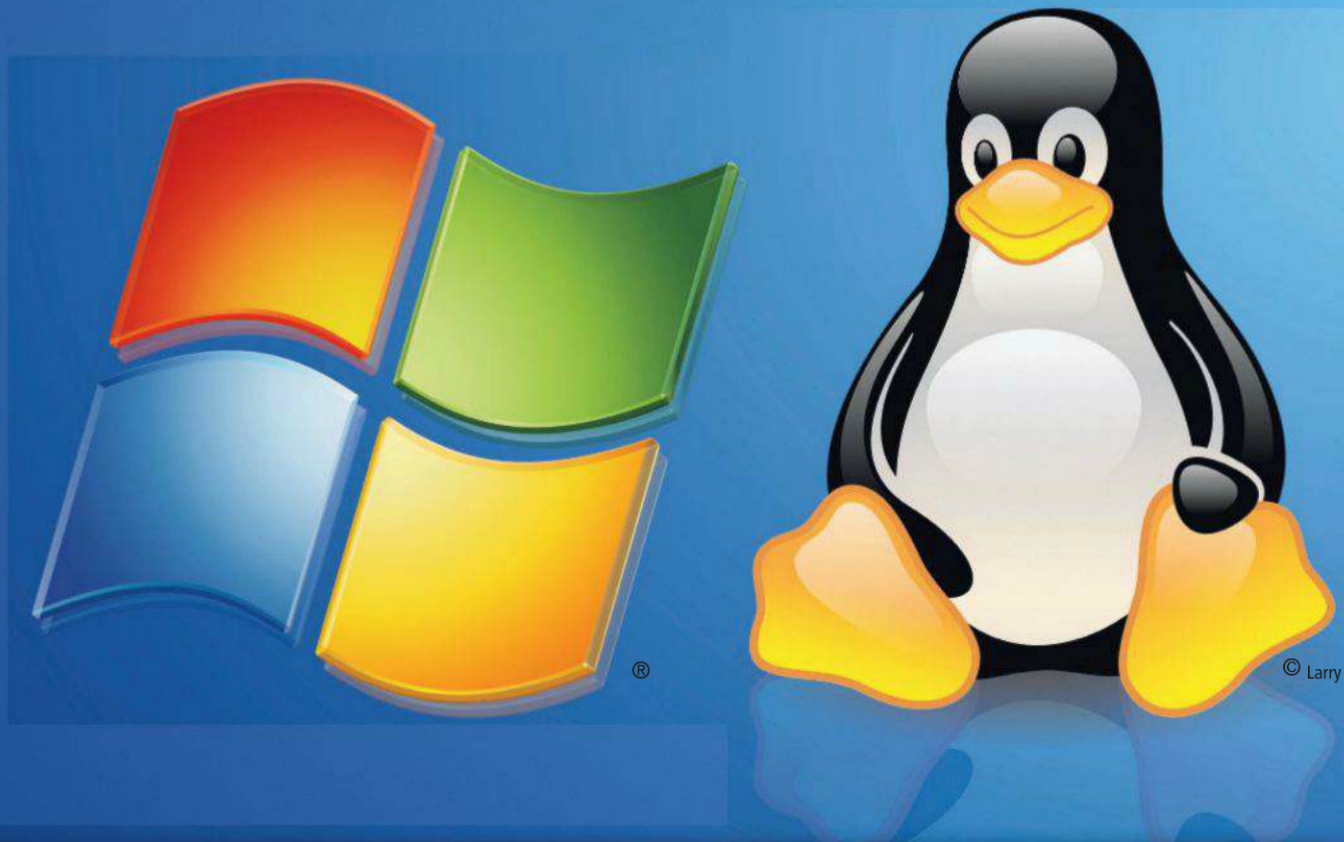
David Ward  
was talking  
to Jon Stapley



**1&1 WEB HOSTING**

# WINDOWS OR LINUX

**1 WEB HOST, 2 OPERATING SYSTEMS – ENDLESS POSSIBILITIES!**



**DOMAINS | E-MAIL | WEB HOSTING | eCOMMERCE | SERVERS**

\*All 1&1 Web Hosting packages (Windows and Linux) free for the first 6 months, then 1&1 Starter £2.49/month, 1&1 Standard £4.99/month, 1&1 Unlimited £6.99/month, 1&1 Business £9.99/month. 12 month minimum contract term applies. Visit [1and1.co.uk](http://1and1.co.uk) for full offer details, terms and conditions. Prices exclude VAT. Windows is a registered trademark of Microsoft® Corporation. Linux is a registered trademark of Linus Torvalds.





## THE CHOICE IS YOURS!

At 1&1 we provide advanced solutions for even the most demanding web projects – choose from our flexible Windows and Linux hosting packages for the latest in technology and programming.

1&1 offers **NEW: Microsoft® ASP.NET 4.0/4.5**, the latest programming technology for developers, helping to create modern, professional websites with 1&1 Windows Web Hosting. Linux professionals benefit from **NEW: PHP 5.4** and PHPDev, plus unlimited access to 1&1 Click & Build Applications and more with 1&1 Linux Web Hosting.



## MAXIMUM RELIABILITY

Your website data is stored simultaneously in two geographically separate high-performance 1&1 Data Centres, with automatic daily back-ups included.



## EXPERT SUPPORT

1&1 employs over 1,500 internal developers to guarantee the continuous improvement of our products. You can manage your account easily wherever you are via the user-friendly 1&1 Control Panel, and get reliable 24/7 phone and e-mail support from our web hosting experts.

## HURRY! OFFERS END 30/04/13



**1&1 Unlimited Windows**



**1&1 Unlimited Linux**

**Unlimited** Webspace

**Unlimited** Traffic

**1 FREE domain** (choice of .co.uk, .me.uk or .org.uk)

**Mobile Website Editing Software** NetObjects Fusion® 1&1 Edition included

**Facebook® and Bing™ vouchers worth £55**

**IPv6 ready**

and much more ...

**NEW! ASP.NET/**  
 .NET Framework **4.0/4.5**

Microsoft  
**ASP.NET**

**NEW! 5 MS SQL 2012**  
 databases (**1 GB** each)

Microsoft  
**SQL Server 2012**

**NEW! ASP.NET MVC 3 and 4**, .NET,  
 AJAX, LINQ, PHP 5, PHPDev, Perl, SSI

**NEW! PHP 5.4**, PHPDev, Zend Framework,  
 Perl, Python, Ruby, SSI

100 MySQL 5  
 databases (1 GB each)

**NEW! Webspace Recovery**

**NEW! Dedicated app pools**

**Unlimited** access to 65 Click & Build  
 Applications including WordPress, Drupal™  
 and Joomla!®

**6 MONTHS FREE!**

Then £6.99 per month\*

**6 MONTHS FREE!**

Then £6.99 per month\*



1&1 Data Centres are powered by renewable energy, reducing our CO<sub>2</sub> emissions by 30,000 tonnes every year!

**1&1**

Call **0844 335 1211** or buy online

**1and1.co.uk**



## FOCUS STACKING



### MARTIN EVENING

Martin Evening is a London-based advertising photographer and noted expert in both photography and digital imaging. As a successful photographer, Martin is well known in London for his fashion and beauty work, for which he has won several awards. In 2008, he was inducted into the NAPP Photoshop Hall of Fame.

Martin has worked with the Adobe Photoshop and Adobe Lightroom engineering teams over many years and is one of the founding members of Pixel Genius, a software design company producing automated production and creative plug-ins for Photoshop.

His recent books include *The Adobe Photoshop Lightroom 4 Book*, *Adobe Photoshop CS6 for Photographers*, as well as the *Adobe Photoshop for Photographers: The Ultimate Workshop* series, which he co-wrote with Jeff Schewe.

# Martin Evening's Retoucher's Guide

**Martin Evening** explains how Photoshop can be used to combine shots taken at different focus distances to create images that are sharp throughout

**PHOTOSHOP** has provided the ability to create focus-stacked images for some time now. While the Photoshop method described here may not compare so well against dedicated software such as Helicon Focus ([www.heliconsoft.com](http://www.heliconsoft.com)), it is still possible to get good-looking results.

When we shoot a photograph, the depth of field is determined by a

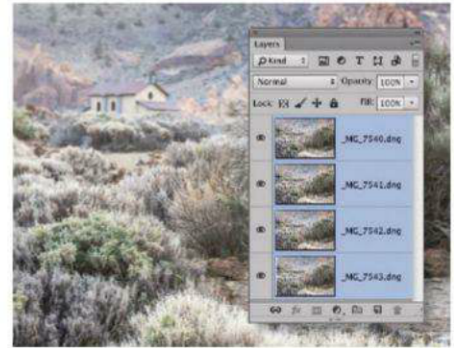
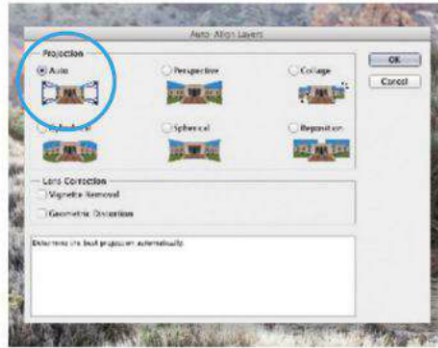
number of factors, such as the f-stop used, the focal length of the lens and how close you are focusing with that lens. The perception that a photograph has a wide depth of field is normally achieved by using short-focal-length lenses, such as a wideangle lens, or stopping down the lens aperture. With the focus-stacking technique, you shoot a series

of photographs where you bracket the focusing for each capture and then use computer software to blend the sharpest bits together to construct an image in which, ideally, everything appears sharp. This is particularly useful for landscape photographers.

The success of the depth-of-field blending technique will be down to the care with which you shoot the original photographs. The more pictures you capture, the better. The key here is to adjust the focus in small, gradual steps. The more information you are able to capture at different planes of focus, the more successful the end result can be.



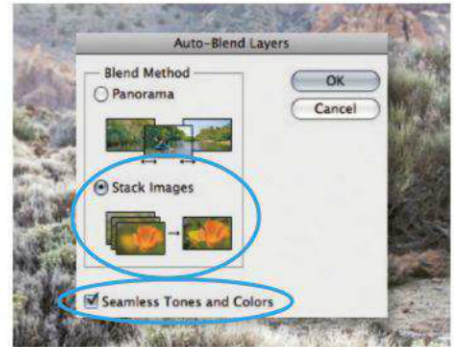




**1** I began by going to Adobe Bridge and selecting a group of four photographs that had been shot at different points of focus. I then went to the Tools menu and chose Photoshop>Load Files Into Photoshop Layers. Alternatively, you could open all the photos in Photoshop Layers... and choose File>Scripts>Load Files into Stack...

**2** All four selected photos now appear as a multi-layered image in Photoshop. With all the layers selected, I went to the Edit menu, chose 'Auto-Align Layers...' and selected the Auto projection option.

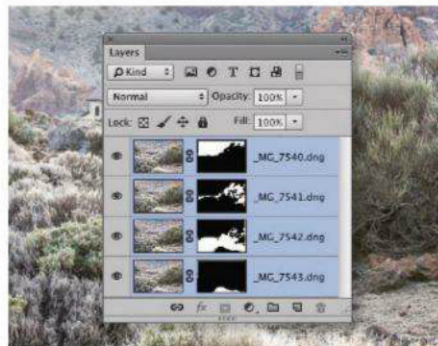
**3** The layers have now been aligned as shown here, where each layer is focused on a point within the scene. This currently shows the closest focus image. All the layers remain selected and it is important to keep these selected for the blending step later.



**4** As you can see, when viewed close-up, the detail in the church in the distance appears really out of focus on this selected layer.

**5** Here you can see a close-up view of the same image layer, but zoomed in on the bottom section where the tops of the grass in the foreground are in sharp focus.

**6** The next step is to merge the layered photos together, which I did by going to the Edit menu again and this time selected 'Auto-Blend layers...' I then selected 'Stack Images' and made sure the 'Seamless Tones and Colors' option was checked. To get the best results, it is important to carry out the Auto-Align step before you apply the Auto-Blend.



**7** You can see the pixel blending of the individual layers in the image and how layer masks have been added to each based on a calculation made of where the sharpest detail was on each layer. At this stage, the photograph should start to appear sharp all over.

**8** Looking at the layer stack, you can see how the individual image layers have each been masked as a result of the Auto-Blend process. What happened here was that Photoshop was able to analyse each of the layers and isolate the sharpest points on each.

**9** The ultimate proof comes when checking the whole of the image close up. In this screen shot you can see how all the elements now appear to be in sharp focus.





Ask the experts at  
**londoncameraexchange**  
 THE UK'S BIGGEST PHOTO SPECIALIST

# THE NEW AND USED EQUIPMENT SPECIALISTS

FIND THAT ELUSIVE **USED**  
**CAMERA OR ACCESSORY**  
 ON OUR WEBSITE



**WE WANT  
 YOUR USED  
 CAMERAS  
 & LENSES**



**WE PAY CASH**  
 FOR GOOD QUALITY  
 CAMERA EQUIPMENT



**VISIT YOUR LOCAL  
 LCE BRANCH TODAY!**

For amazing part-exchange deals or to sell us your old equipment visit your local LCE branch.

**BATH**  
 01225 462234

**BRISTOL (CITY CENTRE)**  
 0117 929 1935

**BRISTOL (BROADMEAD)**  
 0117 927 6185

**CHELTENHAM**  
 01242 519 851

**CHESTER**  
 01244 326531

**CHESTERFIELD**  
 01246 211891

**COLCHESTER**  
 01206 573444

**DERBY**  
 01332 348644

**EXETER**  
 01392 279024

**FAREHAM**  
 01329 236441

**GLOUCESTER**  
 01452 304513

**GUILDFORD**  
 01483 504040

**LEAMINGTON**  
 01926 886166

**LINCOLN (HIGH ST)**  
 01522 528577

**LINCOLN (SILVER ST)**  
 01522 514131

**LONDON (STRAND)**  
 0207 3790200

**MANCHESTER NEW!**  
 0161 834 7500

**NORWICH**  
 01603 612537

**NOTTINGHAM**  
 0115 941 7486

**PLYMOUTH**  
 01752 664894

**PORTSMOUTH**  
 023 9283 9933

**READING**  
 0118 9592149

**SALISBURY**  
 01722 335436

**SOUTHAMPTON (CIVIC CTR)**  
 023 8033 1720

**SOUTHAMPTON (HIGH ST)**  
 023 8022 1597

**TAUNTON**  
 01823 259955

**WINCHESTER**  
 01962 866203

**WORCESTER**  
 01905 22314

**OPENING TIMES:**  
 Monday—Saturday  
 9am—5:30pm

Selected stores open Sunday  
 - please check for details.

**28 BRANCHES NATIONWIDE**

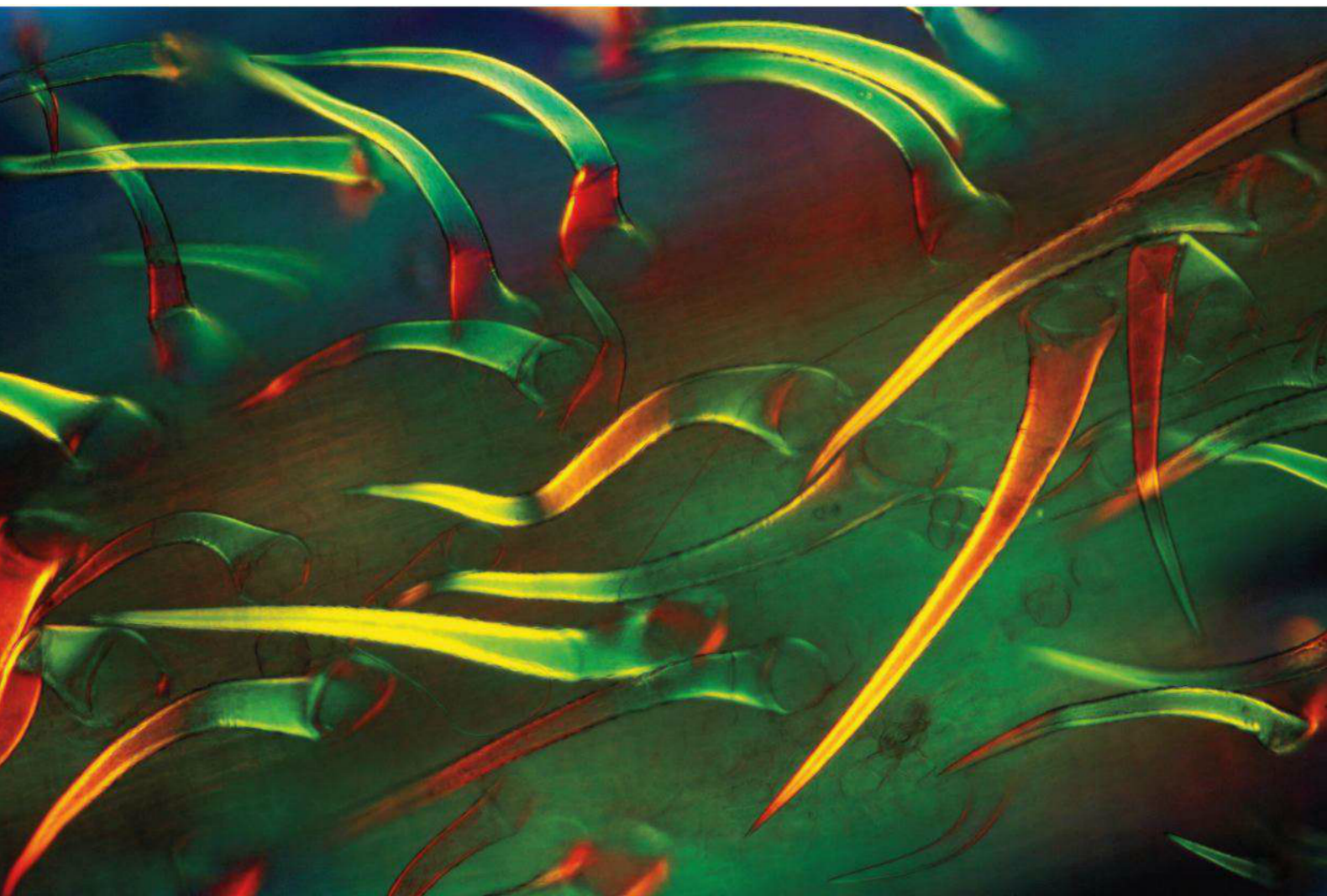
**UK MAIL ORDER** Next day delivery available from all LCE branches. Postage & Insurance £4.99 for most items. E. & O. E. Prices quoted include VAT @ 20%. Prices subject to change. Goods subject to availability.

SEARCH OUR USED EQUIPMENT AT:

**www.LCEgroup.co.uk**







# Small world

Polish photographer **Marek Mis** takes us on a journey through the rich world of microphotography and shows **Jon Severs** how it's done

**ALTHOUGH** microphotography is often considered the art of taking a closer, more detailed look at life, the level of closeness and detail that Marek Mis achieves is probably beyond that artistic definition. In fact, it strays, as he himself acknowledges, into science. Mis uses a piece of equipment most other photographers do not – a microscope.

'This area of photography can be quite tricky to perfect,' Mis explains. 'Apart from the need to understand your camera, you also have to have a good understanding of a microscope and to know how it operates.'

Put simply, microphotography is the practice of using a microscope as your lens and whatever organism or material you place on the microscope slide as your subject. It requires a drive to witness the unseen minuteness of the world that formerly only a scientist would take the time to appreciate, and where arguably only a scientist can see the potential for beauty. Fortunately for Mis, he has a degree in biology.

'I'd say that of all the subjects I shoot, my favourites are algae and microcrystals,' says Mis. 'Microcrystals always surprise – you never know what you will find on the slide

because there are so many shapes, patterns and colours.'

## EARLY BEGINNINGS

Mis became interested in both science and photography at a very early age.

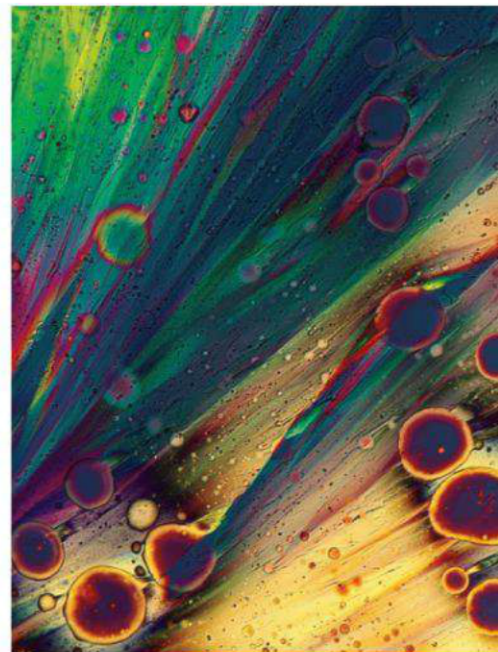
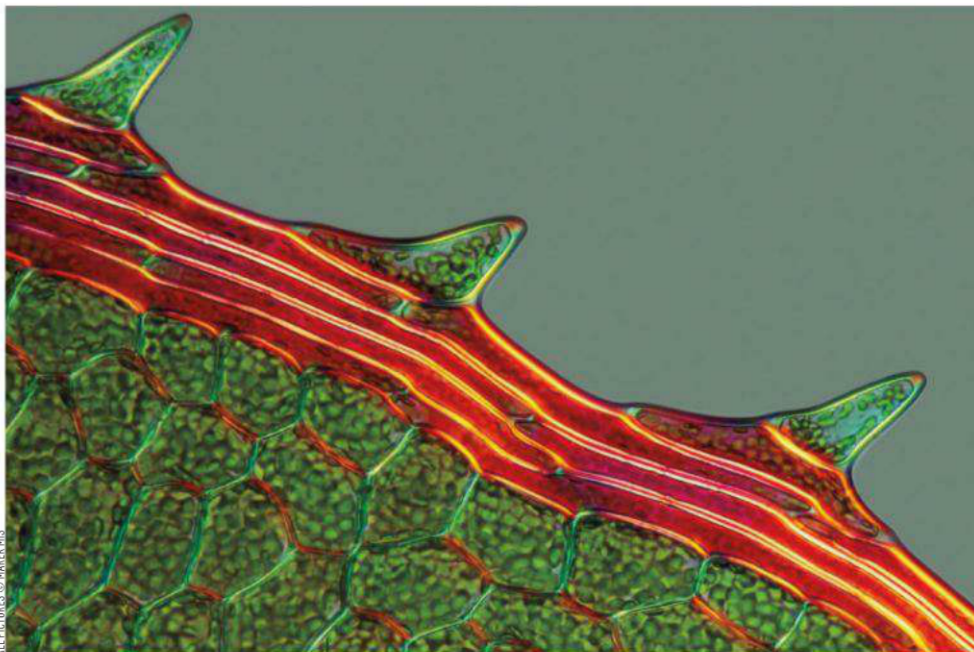
'I got my first camera, a Russian Smena 8M, when I was 12 years old from my father,' says Mis. 'I was a great lover of nature, so it quickly became my favourite pastime to capture the flowers and insects around me. At this time I also came across a book called *Microbe Hunters* by Paul de Kruif, which details the lives and discoveries of some scientists who identified themselves as microworld explorers. I wanted to copy them, so I built my own microscopes and it became a great passion.'

The twin pursuits of science and photography continued to get equal billing as Mis got older. The two finally collided in 1980 when a desire 'to do something original and different in photography', led to him making his first microphotographic images on his Smena 8M. His first attempts were rudimentary.

'The first microphotographs I took were of a frog's red blood cells,' says Mis. 'I ruined the camera by forcefully removing its lens, and as the images

**Mis's extreme close-up image of nettle floss**





➔ were taken on black & white film they lacked sharpness and contrast.'

A second attempt using an SLR – a Praktica – yielded slightly better results, but Mis felt they were still too low contrast. While he was undeniably fascinated by this world that he had stumbled upon, due to the difficulties involved Mis gave up trying.

In the years that followed, Mis became a successful conventional nature photographer, operating in his native Poland and around the world (he currently lives in the north-eastern Polish city of Suwalki). Yet microphotography remained an unfulfilled passion, and in 2008 he got the opportunity to give it another try.

'I bought an Olympus E-300 and the digital era provided new possibilities for photographing through the microscope,' says Mis. 'No costs for film, different white balance settings and unlimited post-processing possibilities with the computer were all invaluable to me.'

His first attempt found him using a tripod to hover the camera above the microscope

eyepiece. Although the results were undeniably promising, the process was time-consuming and uncomfortable. He searched the internet for other techniques and came across the website of Charles Krebs ([www.krebsmicro.com](http://www.krebsmicro.com)), who advocated attaching the microscope lens to the camera body.

It needed a heavy-duty copystand – essentially, a sophisticated tripod – and bellows to give a flexible, dark extension between the camera body and the lens.

It also meant a change of camera to a Pentax K10D to fit the Pentax bellows he already owned. Yet buying the right kit did not mean he instantly became adept at microphotography.

'Despite reading a lot of specialist texts and listening to advice from experienced people, I, of course, made mistakes,' admits Mis. 'For example, in the beginning I had some trouble fitting the kit properly, and then there were the camera vibrations and difficulties with exposure settings. There's a lot of trial and error, but that's part of the fun.'

**Above left: The edge of a hepatic leaf**

**Above right: Acatar and sodium citrate**

## ACHIEVING SUCCESS

Now, five years later, Mis is one of the world's leading practitioners of the art of microphotography. His success begins with his subject matter, but it's his adventurous spirit that pays dividends.

'I try almost everything in terms of subject matter,' he explains. 'I take samples of the water from various places, such as rivers, lakes and small ponds with their tiny inhabitants, as well as thin cross-sections of various plants – longitudinal and transverse ones. I also use plant epidermis [the outermost layer of cells in a plant]. In addition, I take microcrystals from various substances, including pharmaceuticals, food colourings, beverages – anything, really!'

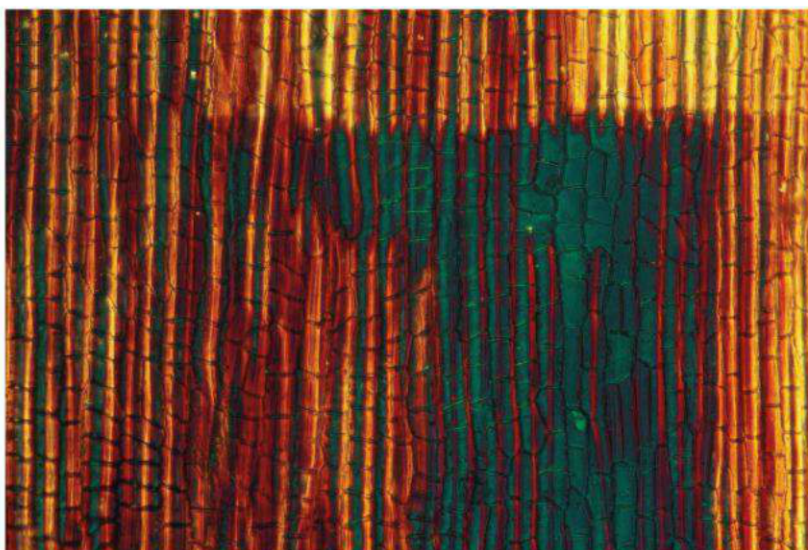
With the subject chosen, he then sets up his shot. This is where it gets complicated, says Mis. First, you need a microscope – Mis uses a Carl Zeiss Jena microscope with trinocular head. Then you need a frame to hold the kit. Mis built his own wooden frame for his microscope to sit in, which also holds the camera gear in place. He removes the camera lens and attaches the bellows in its place. The bellows is then attached at the other end to the microscope eyepiece via a phototube.

'Thanks to the bellows, you can set your camera at exactly the height you want,' says Mis. 'For me, the optimal distance from the microscope without producing vignetting is around 12cm.'

Mis explains that the middle of the camera sensor should sit at the middle of the microscope's field of view. He adds that the sensor needs to be exactly parallel to the microscope's slide. Because of vibration, he says you will also need an electronic shutter or cable release.

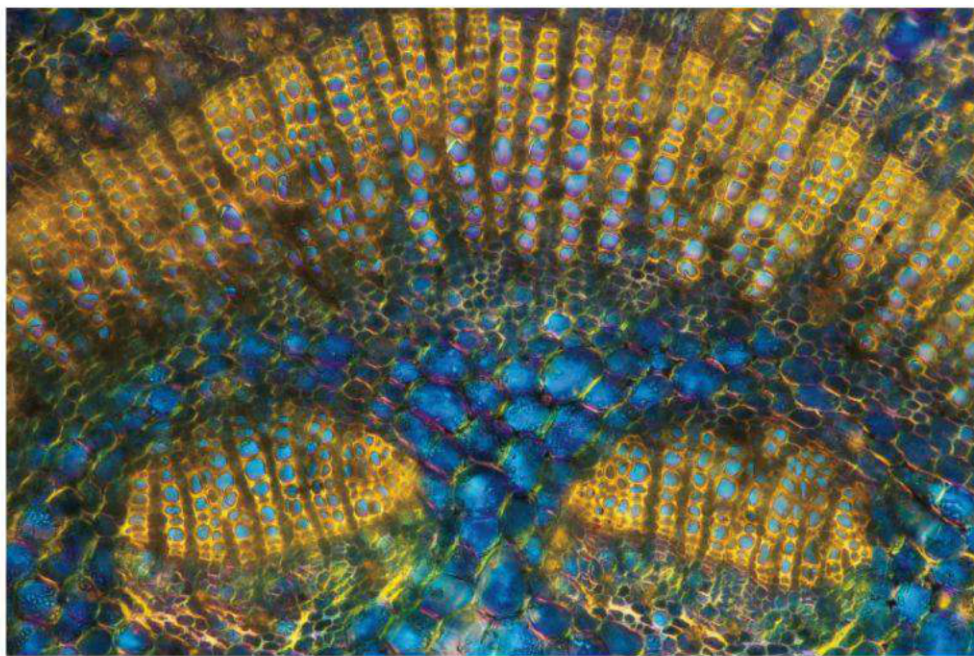
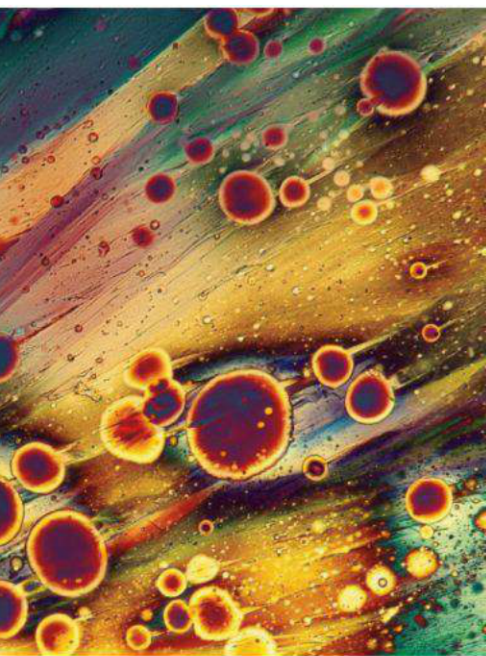
Once you have this set-up securely locked into your holding tripod, you are ready to look at lighting.

Mis says that he uses a mix of microscope lighting techniques for his images. These



**Left: *Impatiens glandulifera* Royle**





include 'bright field', where the content is lit from below and all light hits the viewing lens; 'dark field', where only the light from the sample reaches the lens, with the rest of the image remaining dark; and 'polarised light', which interacts with samples differently, depending on how you rotate them, so you can achieve different colours.

Mis says there are countless other techniques you can adopt with the microscope's lighting system. Again, it is a question of trial and error to see which works best. He stresses, though, that it is important to adjust the white balance for the lighting method and type chosen.

In terms of focusing, this is done by looking through the viewfinder and adjusting the microscope's knobs to the point where you believe the image is sharpest.

'Many microscopic structures are very tiny and with a low contrast,' says Mis. 'This

means that sometimes it is necessary to repeat the shoot with adjusted sharpness once you view the image.'

As for exposure, Mis uses as low an ISO as possible. 'It should go without saying that the higher the sensitivity, the more noise is produced,' he explains. 'However, using a low ISO is not always possible because if you have got any moving objects you have to use the higher sensitivity to shoot the objects sharp and not blurred. In this instance, I increase the voltage of the microscope lamp to illuminate the sample with stronger light.'

With the technical bit over, composition now comes into play, and photography, not science, really takes over. For Mis, composition is all about showcasing the beauty of the microworld.

'I love looking for and finding subjects that resemble landscapes,' he says. 'I like the moments when people look at my microphotographs and are astonished by

**Above: Cross-section of a stem**

what they are actually seeing. They often cannot believe that the image is formed by pharmaceuticals or other chemicals. Sometimes I use everyday substances that are found in the kitchen. I also look for purely graphic and abstract compositions.'

Mis stresses that the minimum amount of post-processing goes into his images. Apart from adjustments for sharpness and contrast, and some removal of dust or debris, his images are as they were on the microscope slide.

## EMBRACING THE MICROSCOPIC

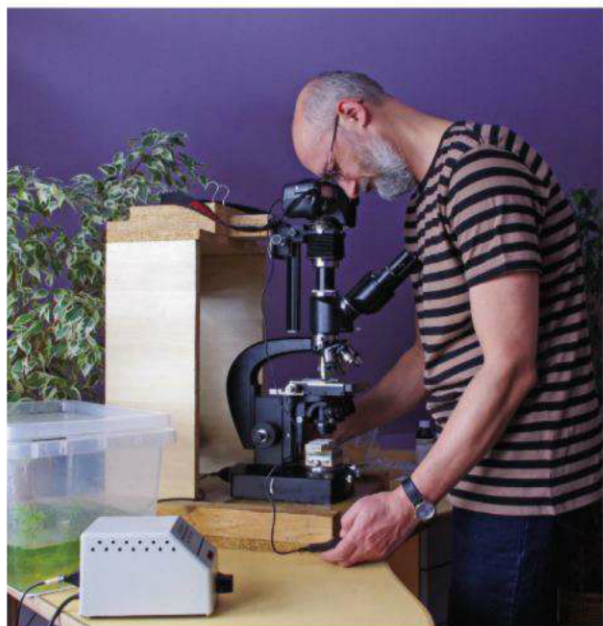
This approach to microphotography certainly seems to be working for Mis. He has had several individual exhibitions and his images are held by a number of photo agencies, including the Biology Image Library. He also sells images to individuals.

Unlike some photographers, Mis is keen for more competition in his chosen field. He wants to inspire others to embrace the beauty of the microworlds he has enjoyed since he was 12 years old, and he says the difficulty of the technique pays dividends for those who are willing to give it a try.

'The kind of microphotography that I create can be very difficult, but it can lead to unlimited and quite different possibilities for photographers. In fact, it opens up whole new worlds. However, while I may be using a complicated homemade set-up that is something I've built up over years of work, anyone can easily get hold of an affordable microscope and achieve results with their own camera.'

'Why not go online and take a look at the results many people are achieving with just the most basic of equipment. I think it's awe-inspiring.' **AP**

**Below: Marek Mis's microphotography set-up – a Carl Zeiss Jena microscope with trinocular head and a Pentax K10D with bellows**

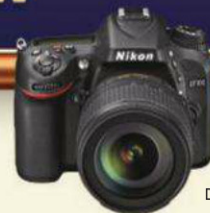


To see more of Marek Mis's work, visit his website at [www.mismicrophoto.com](http://www.mismicrophoto.com)



# Grays of Westminster®

Exclusively... **Nikon**



D7100

## Nikon PEERLESS



*"Grays of Westminster has no peer. In other words, Grays is the ONLY place to go to get the most professional gear, service or training."*

– Michael Doven, Los Angeles, California

**0% OR LOW  
INTEREST  
FINANCE**

No deposit Required  
020-7828 4925  
For full details



### NIKON DIGITAL CAMERAS

Nikon D4 SLR body.....	£4,169.00
Nikon D4 + AF-S 14-24mm f/2.8G IF-ED Kit.....	£5,475.00
Nikon D4 + AF-S 24-70mm f/2.8G IF-ED Kit.....	£5,399.00
Nikon D4 + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£6,699.00
Nikon D800 DSLR body.....	£1,925.00
Nikon D800 + MB-D12 Grip Kit.....	£2,209.00
Nikon D800 + AF-S 14-24mm f/2.8G ED Nikkor.....	£3,230.00
Nikon D800 + AF-S 24-70mm f/2.8G ED Nikkor.....	£3,159.00
Nikon D800 + AF-S 14-24mm f/2.8G & AF-S 24-70mm f/2.8G ED Nikkor Kit.....	£4,465.00
Nikon D800E DSLR body.....	£2,349.00
Nikon D800E + MB-D12 Grip Kit.....	£2,630.00
Nikon D800E + AF-S 14-24mm f/2.8G ED Nikkor.....	£3,649.00
Nikon D800E + AF-S 24-70mm f/2.8G ED Nikkor.....	£3,575.00
Nikon D800E + AF-S 14-24mm f/2.8G & AF-S 24-70mm f/2.8G ED Nikkor Kit.....	£4,875.00
Nikon MB-D12 Grip for D800E/D800.....	£285.00
Nikon D600 DSLR body.....	£1,450.00
Nikon D600 + MB-D14 Grip Kit.....	£1,670.00
Nikon D600 + AF-S 24-85mm f/3.5-5.6G ED VR Nikkor.....	£1,825.00
MB-D14 Grip for D600.....	£225.00
Nikon D300S SLR body.....	£1,099.00
Nikon D300S + MB-D10 Grip.....	£1,349.00
Nikon D300S + AF-S 16-85mm f/3.5-5.6G ED VR DX.....	£1,535.00
Nikon D300S + AF-S 18-200mm f/3.5-4.5G VR II Kit.....	£1,680.00
Nikon D7100 SLR body.....	£1,099.00
Nikon D7100 + MB-D15 Kit.....	£1,349.00
Nikon D7100 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£1,299.00
Nikon D7000 SLR body.....	£645.00
Nikon D7000 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£789.00
Nikon D7000 + 18-200mm f/3.5-5.6G VR II DX IF-ED Kit.....	£1,229.00
Nikon D7000 + MB-D11 Kit.....	£860.00
Nikon D90 SLR body.....	£419.00
Nikon D90 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£549.00
Nikon D3200 SLR body.....	£369.00
Nikon D3200 + 18-55mm f/3.5-5.6G VR DX Kit.....	£439.00
Nikon D5200 SLR body.....	£599.00
Nikon D5200 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£675.00
Nikon D5100 SLR body.....	£345.00
Nikon D5100 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£415.00
Nikon D3100 SLR body.....	£279.00
Nikon D3100 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£319.00

### NIKON 1 SYSTEM

Nikon 1 V2 10-30mm Kit.....	£679.00
Nikon 1 V2 10-30mm & 30-110mm Twin Kit.....	£869.00
Nikon 1 S1 11-27.5mm Kit.....	£475.00
Nikon 1 S1 11-27.5mm & 30-110mm Kit.....	£595.00
Nikkor VR 6.7-13mm f/3.5-5.6.....	£425.00
Nikkor VR 11-27.5mm f/3.5-5.6.....	£169.00
Nikkor VR 10-30mm f/3.5-5.6.....	£145.00
Nikkor VR 30-110mm f/3.8-5.6.....	£179.00
Nikkor 10mm f/2.8.....	£179.00
Nikkor 18.5mm f/1.8.....	£179.00
Nikkor VR 10-100mm f/4.5-5.6 PD-Zoom.....	£545.00
Nikon SB-N7 Speedlight.....	£139.00
Nikon GP-N100 GPS Unit.....	£99.00
Mount adapter FT1.....	£199.00

### NIKON COOLPIX

Nikon Coolpix A.....	£999.00
----------------------	---------

### AF-S & AF DX NIKKOR LENSES

10.5mm f/2.8G AF DX ED Fisheye.....	£545.00
AF-S 35mm f/1.8G DX.....	£150.00
AF-S 10-24mm f/3.5-4.5G IF-ED DX.....	£639.00
AF-S 12-24mm f/4G IF-ED DX.....	£829.00
AF-S 16-85mm f/3.5-5.6G ED VR DX.....	£439.00
AF-S 17-55mm f/2.8G DX IF-ED.....	£1,049.00
AF-S 18-55mm f/3.5-5.6G VR ED DX.....	£145.00
AF-S 18-105mm f/3.5-5.6G VR DX IF-ED.....	£225.00
AF-S 18-200mm f/3.5-5.6G VR II DX IF-ED.....	£585.00
AF-S 18-300mm f/3.5-5.6G ED VR DX.....	£675.00
AF-S 55-200mm f/4.5-6.3G VR DX IF-ED.....	£245.00
AF-S 55-300mm f/4.5-6.3G DX VR.....	£279.00

### AF FX NIKKOR LENSES

14mm f/2.8D AF ED.....	£1,219.00
16mm f/2.8D AF Fisheye.....	£619.00
20mm f/2.8D AF.....	£465.00
24mm f/2.8D AF.....	£369.00
28mm f/2.8D AF.....	£245.00
35mm f/2D AF.....	£255.00
50mm f/1.8D AF.....	£109.00
50mm f/1.4D AF.....	£235.00

85mm f/1.8D AF.....	£299.00
85mm f/1.4D AF IF.....	£949.00
105mm f/2D AF-DC.....	£799.00
135mm f/2D AF-DC.....	£1,025.00
180mm f/2.8D AF IF-ED.....	£695.00

### AF-S FX SILENT WAVE NIKKOR LENSES

AF-S 24mm f/1.4G ED.....	£1,489.00
AF-S 28mm f/1.8G.....	£499.00
AF-S 35mm f/1.4G.....	£1,299.00
AF-S 50mm f/1.4G IF.....	£275.00
AF-S 50mm f/1.8G IF.....	£155.00
AF-S 85mm f/1.8G.....	£379.00
AF-S 85mm f/1.4G.....	£1,189.00
AF-S 14-24mm f/2.8G IF-ED.....	£1,310.00
AF-S 16-35mm f/4G ED VR.....	£829.00
AF-S 17-35mm f/2.8D IF-ED.....	£1,495.00
AF-S 18-35mm f/3.5-4.5G.....	£669.00
AF-S 24-70mm f/2.8G IF-ED.....	£1,235.00
AF-S 24-85mm f/3.5-4.5G ED VR.....	£419.00
AF-S 24-120mm f/4G ED VR.....	£810.00
AF-S 28-300mm f/3.5-5.6G ED VR.....	£649.00
AF-S 70-200mm f/2.8G VR II IF-ED.....	£1,599.00
AF-S 70-200mm f/4G VR IF-ED.....	£1,075.00
AF-S 70-300mm f/4.5-5.6G VR IF-ED.....	£385.00
AF-S 80-400mm f/4.5-5.6G VR ED.....	£2,449.00
AF-S 200-400mm f/4G VR II IF-ED.....	£4,879.00
AF-S 200mm f/2G VR II IF-ED.....	£4,099.00
AF-S 300mm f/4D IF-ED.....	£1,029.00
AF-S 300mm f/2.8G VR II IF-ED.....	£4,039.00
AF-S 400mm f/2.8G VR IF-ED.....	£6,595.00
AF-S 500mm f/4G VR IF-ED.....	£5,845.00
AF-S 600mm f/4G VR IF-ED.....	£7,050.00
AF-S 800mm f/5.6E VR FL ED (inc TC800-1.25E ED teleconverter).....	£15,999.00
TC-14E II 1.4x teleconverter.....	£315.00
TC-17E II 1.7x teleconverter.....	£315.00
TC-20E III 2x teleconverter.....	£399.00

### AF FX ZOOM-NIKKOR LENSES

18-35mm f/3.5-4D AF IF-ED.....	£475.00
24-85mm f/2.8-4D AF IF.....	£545.00
80-400mm f/4.5-5.6D AF VR IF-ED.....	£1,235.00

### AF & AF-S MICRO-NIKKOR LENSES

AF-S 40mm f/2.8G DX Micro.....	£189.00
60mm f/2.8D Micro.....	£365.00
AF-S 60mm f/2.8G ED Micro.....	£399.00
AF-S 85mm f/3.5G VR DX IF-ED Micro.....	£375.00
AF-S 105mm f/2.8G AF-S VR Micro IF-ED.....	£609.00
200mm f/4D AF Micro IF-ED.....	£1,245.00

### NIKON SPEEDLIGHTS

SB-910 Speedlight.....	£335.00
SB-700 Speedlight.....	£229.00
SB-400 Speedlight.....	£119.00
SB-R1C1 Close-Up Commander Ki.....	£559.00
SB-R1 Close-Up Remote Kit.....	£399.00
SU-800 Wireless Speedlight Commander.....	£269.00
SB-R200 Wireless Remote Speedlight.....	£159.00

### MANUAL FOCUS NIKKOR AIS LENSES

20mm f/2.8 Nikkor.....	£901.00
24mm f/2.8 Nikkor.....	£608.00
28mm f/2.8 Nikkor.....	£615.00
35mm f/1.4 Nikkor.....	£1,227.00
45mm f/2.8P Nikkor, chrome.....	£325.00
50mm f/1.4 Nikkor.....	£597.00
50mm f/1.2 Nikkor.....	£743.00
180mm f/2.8 ED Nikkor.....	£799.00

### ZOOM-NIKKOR MANUAL AIS LENSES

28-85mm f/3.5-4.5 Zoom-Nikkor.....	£599.00
------------------------------------	---------

### SPECIAL PURPOSE: PERSPECTIVE CONTROL AND MICRO-NIKKOR LENSES

24mm f/3.5D PC-E ED Nikkor.....	£1,455.00
28mm f/3.5 PC Nikkor.....	£1,195.00
45mm f/2.8D ED PC-E Nikkor.....	£1,395.00
55mm f/2.8 Micro-Nikkor.....	£541.00
85mm f/2.8D ED PC-E Nikkor.....	£1,325.00
105mm f/2.8 Micro-Nikkor.....	£1,047.00
200mm f/4 Micro-Nikkor.....	£895.00

PC: Perspective Control. PC-E: Tilt/Shift-Perspective Control

Prices include 20% VAT. Prices Subject to Change. E.&O.E.

**TO ORDER TELEPHONE 020-7828 4925**







**EXPERIENCE OUR AWARD WINNING SERVICE**

**CANON CASHBACK**  
**UP TO £235 SAVINGS**



**NOW ON** ➔

**FUJIFILM CASHBACK**  
**UP TO £350 SAVINGS**



**NOW ON** ➔

**NIKON SPRING CASHBACK**  
**UP TO £150 SAVINGS**



**NOW ON** ➔

**GIOTTO'S SILK ROAD £124**  
**YTL9383**



3D Column  
Carbon Tripod  
**IN STOCK**

**GIOTTO'S SILK ROAD £229**  
**YTL8353**



3D Column  
Carbon Tripod  
**IN STOCK**

**CANON EOS 5DMKIII**



**£2139**  
**AFTER**  
**£160 CASHBACK**

**FUJI XPRO 1**  
**FROM**



**£1059**  
**UP TO £350 CASHBACK**

**NIKON D600**  
**£1279**



**AFTER**  
**£150 CASHBACK**

**FUJIFILM X20**



**£499 NEW**  
**IN STOCK**

**CANON EOS 6D**



**£1449**  
**AFTER**  
**£100 CASHBACK**

**FUJIFILM X-E1**  
**FROM**



**£659**  
**UP TO £250 CASHBACK**

**NIKON D5200 +18-55mm VR Lens Kit**  
**£639**



**AFTER**  
**£40 CASHBACK**

**FUJIFILM X100S**



**£1099 NEW**  
**IN STOCK**

**CANON EOS 60D**



**£534**  
**AFTER**  
**£65 CASHBACK**

You worry about the photos and we'll take care of the rest. Visit us instore for a coffee and unbiased advice. After all, it wont cost a penny.

**£FOC**  
With every purchase



**NIKON D3100 +18-55mm VR Lens Kit**  
**£369**



**AFTER**  
**£30 CASHBACK**

**NIKON D7100 BODY**



**£1099 NEW**  
**IN STOCK**



**APOLY  
2013**

In association with  
**Panasonic LUMIX G**  
WWW.PANASONIC.CO.UK

Your chance to enter the UK's  
most prestigious competition for amateur photographers

Round three  
**ENTER  
TODAY!**

# £30,000 IN PRIZES TO BE WON

**R**ound 3 of this year's Amateur Photographer of the Year competition, sponsored by Panasonic, is **The Animal Kingdom** (wildlife and pets). The animal world is a popular subject for photographers, and with good reason. Flick through any book of wildlife photography and you'll see how truly diverse nature can be. The animal world offers us countless textures, colours, shapes and modes of behaviour. All these things can be turned into photographic gold. But you may not even need to venture out into the wild. Even your own beloved pet can make a great subject. Turn to page 31 for some advice and ideas on what to look out for.

We have thousands of pounds' worth of fantastic camera equipment up for grabs, as well as the chance to be crowned **Amateur Photographer of the Year 2013**. The

## ANIMAL KINGDOM



© BRUCE JAMES

closing date for round 3 is **26 April 2013**. First prize is a Panasonic Lumix DMC-G5 plus Lumix G Vario 14-42mm f/3.5-5.6 Asph Mega OIS and Lumix G Vario 100-300mm f/4-5.6 Mega OIS lenses worth a total of £1,451.98. Second prize is a Panasonic Lumix DMC-FZ62 worth £373.99. Third prize is a Panasonic Lumix DMC-LZ20 worth £170.99. That's a fantastic prize package worth £1,996.96! The top 30 photographs will be published in our 25 May issue, while the scores from the top 50 images will be posted on our website.

**For information about how to enter, follow the link**

**at the bottom of this page.** Please use your full name as the file name and paste the disclaimer into the body of your email if you are sending your entry to us via email. We also need to know where and how you took your image, plus the camera and lens used with aperture and focal-length details. Also include a telephone number and your postal address so we can contact you if you win.

**How to enter via email:** For full details of how to enter via email and for terms and conditions, visit [www.amateurphotographer.co.uk/apoly13](http://www.amateurphotographer.co.uk/apoly13)



## Round three

# The Animal Kingdom

What makes wildlife such an appealing subject for photographers? Perhaps the answer lies in the stunning diversity that the natural world has to offer us. The animal world is such a rich source of fascination that many of us cannot help but be seduced by it. Take a look back through some of our *Photo Insight* columns with Jim Brandenburg and you'll soon see how nature can inspire an almost childlike sense of wonder. Yet despite its popularity, wildlife photography contains many pitfalls. It can be too easy to imagine that a strong subject is going to be enough to wow the APOY judges. Wildlife photography functions in the same way as all genres. It follows the rules of composition, light, exposure and framing. When producing a wildlife shot, think about how to arrange the image. Where will you place the subject within the frame? How will you utilise the surrounding environment? Will the subject stay in one place for more than a few seconds? Are there any ethical implications? Wildlife photography is not always easy, but it is undoubtedly one of the most rewarding experiences a photographer can have. Wildlife photography exists to educate and entertain. And that makes it pretty important.

## PLAN YOUR APOY 2013 YEAR

Below is a list of this year's rounds, a synopsis of what we're looking for and the dates they will be announced. When you are planning your entry, remember to take into consideration the criteria of fulfilling the brief, creativity and technical excellence on which you will be judged.

Theme	Synopsis	Announced	Closes	Results
Portraits in Artificial Light	Portraits using artificial light	2 Feb	28 Feb	30 Mar
Life in Motion	Long exposures/frozen action	2 Mar	29 Mar	27 Apr
The Animal Kingdom	Pets and wildlife	6 Apr	26 Apr	25 May
Interior Architecture	Inside man-made structures	4 May	31 May	29 Jun
Floral Still Life	Flower and plant portraits	1 Jun	28 Jun	27 Jul
People at Work	A single frame to tell a story	6 Jul	26 Jul	31 Aug
Black & White World	Monochrome landscapes	3 Aug	30 Aug	28 Sep
Under the Weather	Autumn and winter weather	7 Sep	27 Sep	26 Oct
Going Abstract	Textures, shapes and colours	5 Oct	25 Oct	30 Nov
Wideangle World	Wideangle/pan stitch	2 Nov	29 Nov	21-28 Dec

## 1st prize

The first-prize winner will receive a Panasonic Lumix DMC-G5, plus Lumix G Vario 14-42mm f/3.5-5.6 Asph Mega OIS and Lumix G Vario 100-300mm f/4-5.6 Mega OIS lenses worth a total of £1,451.98. The G5 is a compact system camera with a 16.05-million-pixel, micro four thirds, Live MOS sensor. Alongside its 1.44-million-dot EVF is an impressive 3in, 920,000-dot articulated touchscreen. Being able to shift the screen is great for viewing from a number of angles, and the touch functionality is useful for controlling the shutter, spot AF and metering. Other features include 6fps high-speed continuous shooting and eye sensor under the EVF that can activate AF. The Lumix G Vario 100-300mm f/4-5.6 Mega OIS incorporates Panasonic's Mega OIS (Optical Image Stabilizer), which aids shooting in low-light conditions without a tripod by suppressing the blur caused by camera shake. The lens uses multi-coated elements that reduce ghosting and flare, helping to deliver a high optical performance.



## 2nd prize

The second-prize winner will receive a Panasonic Lumix DMC-FZ62 worth £373.99. This high-spec bridge camera has a 16.1-million-pixel, high-sensitivity MOS sensor and 24x optical zoom that covers a range of 25-600mm (35mm equivalent). Using the camera's Intelligent Zoom function, this can be increased to 48x. The FZ62 also features 10fps burst shooting in full resolution (maximum of three images), full HD video capture in both AVCHD and MP4 formats, a 3in, 460,000-dot LCD and 450 shots per charge.



## 3rd prize

The third-prize winner will receive a Panasonic Lumix DMC-LZ20 worth £170.99. The LZ20 bridge camera features a powerful 25mm ultra-wideangle 21x optical zoom that covers a range of 25-525mm (35mm equivalent). The Optical Image Stabilizer aids shooting in low-light conditions, while macro shots can also be captured handheld with less blurring. The LZ20 features a 3in, 460,000-dot LCD plus iA (Intelligent Auto) mode for easy operation.



**LUMIX G** Get involved with the **Panasonic** community by visiting the Lumix Lifestyle website at [www.lumixgexperience.panasonic.co.uk](http://www.lumixgexperience.panasonic.co.uk)



Here are some tips and suggestions to help you get started

# Why not try...

## FOCUS AND BACKGROUND

There are many golden rules of photography and the genre of wildlife is no different. The most obvious rule is to ensure that the eyes of the subject are in focus. The eyes are the first thing a viewer will notice about a photograph. Looking at the eyes is the first stage of interaction with other people and that extends to our encounters with wildlife. If the eyes are blurred or lost within the picture, you will lose a vital component of your image. Also, bear in mind that throwing the background out of focus can give your image a more three-dimensional feel. While this may not always apply, it can be a good way to make your subject pop out of the image and ensure the viewer's focus is held on the subject.



© PAM SHERON



© RAYMOND JARROLD

## STAYING ETHICAL

The issue of ethics is a subject that comes up time and again when dealing with wildlife photography. On one level ethics deal with the issue of honesty. Taking a photograph of an animal in a zoo and then claiming that it is in the wild is likely to get you into hot water. Shooting a subject in a controlled environment can often mean that the

behaviour and environment you're showing in the picture are not representative of that subject's natural lifestyle. However, that's not to say that pictures taken in zoos are not acceptable – it's just that this must be made clear. Also note that using flash can cause some animals distress and, in some cases, harm. Use your judgement.

## USING THE LAND

Something that we often cover in AP – largely in our regular *Photo Insight* column with wildlife photographer Jim Brandenburg – is the fact that wildlife imagery can be so much more than just a picture of an animal. Bear in mind that animals, humans included, are just one small part of a much larger picture – the landscape. At the risk of sounding trite, the world is indeed a stage and it would be a good idea to think of your subjects as characters moving within a carefully framed and composed set. Including some environment provides a context for your wildlife subjects. It can tell us so much about their behaviour and day-to-day life.



© PAMEL PENTUNOSSI

In association with  
**Panasonic LUMIX G**

WWW.PANASONIC.CO.UK

# APOY Amateur Photographer OF THE YEAR COMPETITION

After you've read the rules, send your entry to:

The Animal Kingdom, Amateur Photographer, IPC Media,  
Blue Fin Building, 110 Southwark Street, London SE1 0SU

CLOSING DATE FRIDAY 26 APRIL 2013

PLEASE USE BLOCK CAPITALS

<b>Mr/Mrs/Miss/Ms</b>	<b>First name</b>
.....	
<b>Surname</b>	
.....	
<b>Address</b>	
.....	
.....	
<b>Postcode</b>	
.....	
<b>Daytime telephone no.</b>	
.....	
<b>Email address</b>	
.....	
<b>Picture details</b>	
<b>Camera</b>	
.....	
<b>Lens</b>	
.....	
<b>Film (if applicable)</b>	<b>Exposure (if known)</b>
.....	.....

I earn no more than 10% of my total annual income or £5,000 annually from photography (tick to confirm) ☐ Please return my entry. I enclose an SAE ☐ OR: I do not need my entry returned ☐ (tick one to confirm). This entry has not previously been published in a national UK photography magazine ☐ (tick to confirm). Amateur Photographer, published by IPC Media Ltd ('IPC'), will collect your personal information to process your entry. If you would like to receive emails from Amateur Photographer and IPC containing news, special offers and product and service information and take part in our magazine research via email, please tick here ☐ Amateur Photographer and IPC would like to contact you by post or telephone to promote and ask your opinion on our magazines and services. Please tick here if you prefer **not** to hear from us. ☐ IPC may occasionally pass your details to carefully selected organisations so they can contact you by telephone or post with regards to promoting and researching their products and services. Please tick here if you prefer **not** to be contacted ☐ If my entry is not successful, I would like Damien Demolder to critique my image in the Appraisal column ☐

**RULES** 1. Entrants may submit only one photograph per month, as an sRGB JPEG file that is 2,700-3,000 pixels along its longest dimension, an unmounted print (max size 210x297mm) or slide (no glass mounts please), in colour or black & white. 2. The entrant's name, address and daytime phone number must be attached to the slide mount or the back of the print. 3. You may only submit digital files by email (no CDs/DVDs). When submitting a digital file, the file name of your image must be your first name and surname, the subject line of your email message must state the round name and your name once again, and the body copy of your email must include your name, address, daytime telephone number, the camera model, lens and exposure details. 4. Photos submitted must be your own work, must not be copied, must not contain any third-party materials and/or content that you do not have permission to use and must not otherwise be obscene, defamatory or in breach of any applicable legislation or regulations. If IPC has reason to believe your entry is not your own work or otherwise breaches this rule, your photos will NOT be considered. 5. Photos must not previously have been published in a national UK photography magazine. 6. Copyright of all entries remains with the photographer, but IPC, Panasonic UK and their associated group companies reserve the right to use, publish and republish entries in connection with the competition, without payment. 7. By entering this competition you grant permission to IPC, Panasonic UK and their associated group companies to reproduce your photos in electronic format and hard copy including for display at an exhibition, in IPC's Amateur Photographer magazine and on IPC's and Panasonic UK's websites and social media should they be selected to promote the competition. 8. You grant IPC and Panasonic UK the right to use your name and town or city of residence for the sole purpose of identifying you as the author of your photos and/or as a winner or runner-up of the APOY competition. 9. Each postal entry must be accompanied by the correct entry form with all sections completed. A photocopy of the entry form will be accepted. All submissions must be well packaged in a stiffened envelope (no tubes, please) bearing sufficient postage, and entrants wanting their picture back must include a stiffened SAE stamped of sufficient value for their return. 10. This competition is open to bona fide amateur photographers and students only. That is, entrants should not earn more than 10% of their total annual income OR £5,000 annually from photography. 11. Employees of IPC Media, Panasonic UK and their families may not enter this competition. Entries are judged by AP staff. 12. There is no age limit for entering, and international entries will be accepted. 13. Prizes are as stated and no cash or other alternative can be offered to the monthly prizes or overall prize. 14. Prize value correct at time of going to press. Overseas winners will be contacted by phone about how to claim their prize. Panasonic UK has the right to substitute a prize for a similar item of equal or higher value if the stated prize is not available. No money can be added to the overall prizes. The overall first prize for the APOY 2013 competition will be to win Panasonic products to the value of £5,000 RRP as at the date of notification. The two overall runner-up prizes for the APOY 2013 competition will be to win products to the value of £3,000 (second) and £2,000 (third) as at the date of notification. 15. Prizes are subject to Panasonic UK standard terms and conditions for its products. Acceptance of a prize is deemed to be acceptance of those terms and conditions. 16. Entries on behalf of another person will not be accepted and joint submissions are not allowed. 17. No responsibility is taken for lost, delayed, misdirected or incomplete entries. Proof of delivery of the entry is not proof of receipt. 18. No purchase is necessary. 19. The overall winner must choose his or her prize within six weeks of being notified. In the event of a tie, the Editor will choose a winner. The Editor's decision is final and no correspondence will be entered into. 20. By submitting photos you are accepting these rules. 21. IPC, Panasonic UK or their associated group companies shall not be liable for any loss, damage or injury of any nature whatsoever caused, sustained by any entrant under this promotion. However, nothing in these rules shall have the effect of excluding or restricting liability for personal injury, death, fraud or fraudulent misrepresentation caused by the proven negligence of employees or agents of IPC, Panasonic UK or their associated group companies. 22. Panasonic UK shall not be liable for any failure to supply the prizes where such failure is caused by any supervening circumstances outside its control which amount to force majeure and which without the fault of either party renders performance impossible or incapable of satisfactory execution. 23. These rules are governed by the laws of England and Wales and any dispute in relation to them shall be subject to the non-exclusive jurisdiction of the English courts. 24. This competition is owned and run by Amateur Photographer/IPC Media and all competition terms and conditions are bound by Amateur Photographer/IPC Media rules.



1



2





AP publishes more reader photographs than any other photography magazine

# ReaderSpotlight

IF YOUR PICTURES  
ARE FEATURED  
YOU'LL RECEIVE...

**£50**

**PLUS...**



**GOOD  
DESIGN**

**product  
design award**

**EISA  
AWARD** **Best  
Product**  
2011-2012  
PHOTO ACCESSORY  
Vanguard GH-100 Pistol Grip Ball Head

**The Editor's Choice**  
wins a **Vanguard**  
**GH-100 3-in-1 pistol**  
**grip ball head**  
**worth £129.99\***

Combining the smooth precision of a ball head with the impressive ergonomic control of a pistol grip, the award-winning GH-100 enables you to position your camera exactly where you want it. The ball head has an anodized centre ball and friction-control switch, while the pistol grip enables you to position your camera or spotting scope effortlessly. The GH-100 also has 360° of panning movement, with 72 clicks of 5°.

[www.vanguardworld.co.uk](http://www.vanguardworld.co.uk)

**How to submit  
your images**

Please see the 'Send us your pictures' section on page 3 for details or visit [www.amateurphotographer.co.uk/spotlight](http://www.amateurphotographer.co.uk/spotlight)



## Gerard Charnley East Sussex

Gerard became interested in photography about seven years ago. 'I bought a Canon EOS 350D and stuck it straight into manual mode, forcing myself to learn both the science and the art of photography,' he says. 'And I've never looked back.' Gerard first started taking long exposures after connecting with some other photographers on Google+, and he is currently converting his garage into a studio. To see more of Gerard's work, visit his website at [www.gerardcharnley.co.uk](http://www.gerardcharnley.co.uk).

### No Longer Loved

**1 Brighton's ruined West Pier makes a great subject for this ghostly long exposure**  
Canon EOS 5D Mark II, 24-105mm, 210secs at f/16, ISO 160, tripod, b&w ND110 filter, remote timer

### Brighton Palace Pier

**2 The unconventional framing creates a strikingly different image of a popular subject**  
Canon EOS 5D Mark II, 24-105mm, 180secs at f/16, ISO 100, tripod, b&w ND110 filter, remote timer

### Ghosts Under The Pier

**3 Gerard waited weeks for the perfect weather conditions to make this superb image**  
Canon EOS 5D Mark II, 24-105mm, 88secs at f/16, ISO 500, tripod, b&w ND110 filter, remote timer

### Brighton Beach

**4 Another long exposure captures the unusual shape made by the lapping waves**  
Canon EOS 5D Mark II, 24-105mm, 136secs at f/16, ISO 50, tripod, b&w ND110 filter, remote timer





## Peterborough Station

**1** Chris chose the perfect angle of view to accentuate the humour of this image, which he did well to spot  
Canon AE-1



## Queensgate

**2** Thirty years after Chris took this shot, the Queensgate Shopping Centre, where it was taken, asked him to do an exhibition  
Canon AE-1

## Busy chatting

**3** The real test for a street photographer is the ability to capture little moments, and Chris achieves that perfectly  
Canon AE-1



## Chris Porsz Peterborough

Chris was featured in our *Reader Spotlight* pages last August, and has returned to provide a trip back in time with some excellent street photography from the late 1980s. Still photographing to this day, Chris dedicates hours each week to pounding the pavements for great street photographs, and he loves seeing how people respond. 'I never cease to be amazed by the totally unexpected and spontaneous reactions to me and my camera,' he says. To see more images from Chris, visit his website at [www.chrisporsz.com](http://www.chrisporsz.com) and look out for his self-published book titled *New England*, available from his site.

## Shoppers' stop

**4** This is a very crowded shot, but Chris has handled the multiple elements well and created a pleasing image with humour to it  
Canon AE-1

## Beside the seaside

**5** This is a lovely image with lots of little details – note the reversal of how black and white are arranged in the couple's outfits  
Canon AE-1











## Rasid Tugral

Turkey

Rasid is interested in astronomy, and his photography stemmed from his desire to capture the beautiful things he sees in the night sky. When his head isn't in the stars, Rasid likes to photograph the beautiful mosques of Istanbul, the results of which can be seen here. He likes the perfectionism allowed by digital photography: 'Take-delete-take-delete until you can get the best!' he says.

### Süleymaniye

1 Rasid wanted to capture the dome of this huge mosque in this stitched image  
Canon EOS 450D, 18-55mm, 1/25sec, 1/30sec and 1/40sec at f/3.5, ISO 1600

### Rüstem Pasha

2 The lines converging at the dome of this mosque in Istanbul add a fascinating dimension to this rich, ornate image  
Canon EOS 450D, 18-55mm, 1/60sec at f/3.5, ISO 800

### Sultan Ahmet Mosque

3 The light is key to this gorgeous shot, giving it a warm colour tone that accentuates the venerable nature of the building in Istanbul  
Canon EOS 450D, 18-55mm, 1/1000sec at f/3.5, ISO 100



**WANT TO LEARN MORE  
AND IMPROVE YOUR  
PHOTOGRAPHIC SKILLS?**

Then enrol on one of our **School of Photographic Imaging's Home Study Courses**. We've courses to suit all levels of experience covering all aspects of photography and bite-sized courses from just £75. Just visit [www.spi-photography-courses.com](http://www.spi-photography-courses.com), call **0203 148 4326** or turn to page 44 of this issue.

**SPI**  
SCHOOL OF  
PHOTOGRAPHIC  
IMAGING



VISIT US AT  
www.permajet.com  
OR CALL  
T: 01789 739200



The PermaJet range of high quality inkjet paper and canvas includes something for everyone.

#### Benefits

- Sheets from 6" x 4" up to A2
- Rolls from 13" up to 60"
- Works with all dye and pigment printers
- High quality archival properties
- Free Custom ICC Profiles
- Acid free
- Giclée quality
- Award winning collection
- Test packs available so you can "try before you buy" includes FREE A7 Swatch Book



#### And the winner is...

PermaJet's World-beating OYSTER 271 Inkjet Paper has been voted by its users as the BEST INKJET PAPER OF 2012 at the SWPP Trade Awards...



*It's all about image*

#### Choose From This Extensive Range

##### Digital Photo

Gloss, Oyster, Ultra Pearl, Matt Plus & Matt Proofing

##### FB Baryta

FB Distinction, FB Gloss, FB Gloss Warmtone, FB Royal, FB Delta Matt & FB Photo Art Pearl

##### Smooth Fine Art

Portrait Velvet, Portfolio, Portrait, Portrait White, Omega, Alpha & Smooth Art Silk

##### Textured Fine Art

Artist, Museum, Parchment & Papyrus

##### Double Sided

DS Matt, DS Oyster, DS Portfolio & DS Portrait

##### Canvas

Artistic, Photo Matt, Photo Semi-Gloss, Fine Art Matt & Fine Art Semi-Gloss



Fly, Walk, Hike, Ride, Climb - We've got it in the bag.

#### The Benro Camera Bag Range 2013.

**Amateur Photographer**  
A well-built wheeled trolley case for transporting kit  
★★★★★



Benro has introduced a wide range of practical luggage solutions designed to meet the needs of the outdoor photographer. As with their world-class tripods, Benro camera bags boast first-class build quality and superior functionality, providing substantial protection for your valuable camera equipment. The range combines innovative design with supreme weight distribution.

Features include ergonomic harnesses for maximum comfort and ventilation, retractable dividers for added flexibility and lockable zippers for extra security.

Visit [www.kenro.co.uk](http://www.kenro.co.uk) to view the full range and find out more.

**BENRO®**



Supplying the photographic & gift trade for over 40 years

Kenro Ltd, Greenbridge Road, Swindon, SN3 3LH

t: 01793 615836 f: 01793 530108 e: [sales@kenro.co.uk](mailto:sales@kenro.co.uk)



[www.kenro.co.uk](http://www.kenro.co.uk)



Follow us on Twitter



Like us on Facebook





Amateur Photographer's...

## ICONS OF PHOTOGRAPHY

ICONIC PHOTOGRAPHER | CAMERA | PHOTOGRAPH



©ROBERT DOISNEAU/GAMMA-RAPHO/GETTY IMAGES

# Robert Doisneau

(1912-1994)

**Robert Doisneau's** playful and sometimes touching photographs create a positive and poetic view of everyday life in Paris, writes **David Clark**

**ROBERT** Doisneau is the quintessential photographer of Paris life in the mid-20th century. His photographs capture the people of the city in all their rich variety, from schoolchildren and street entertainers to factory workers, miners and the homeless.

His pictures can be humorous, charming or thoughtful, but all show his innate sense of timing and composition. Doisneau, however, was aware that they only gave a partial view of the real world. 'I don't photograph life as it is, but life as I would like it to be,' he wrote in 1986.

He elaborated further in a later interview with fellow photographer Frank Horvat: 'We

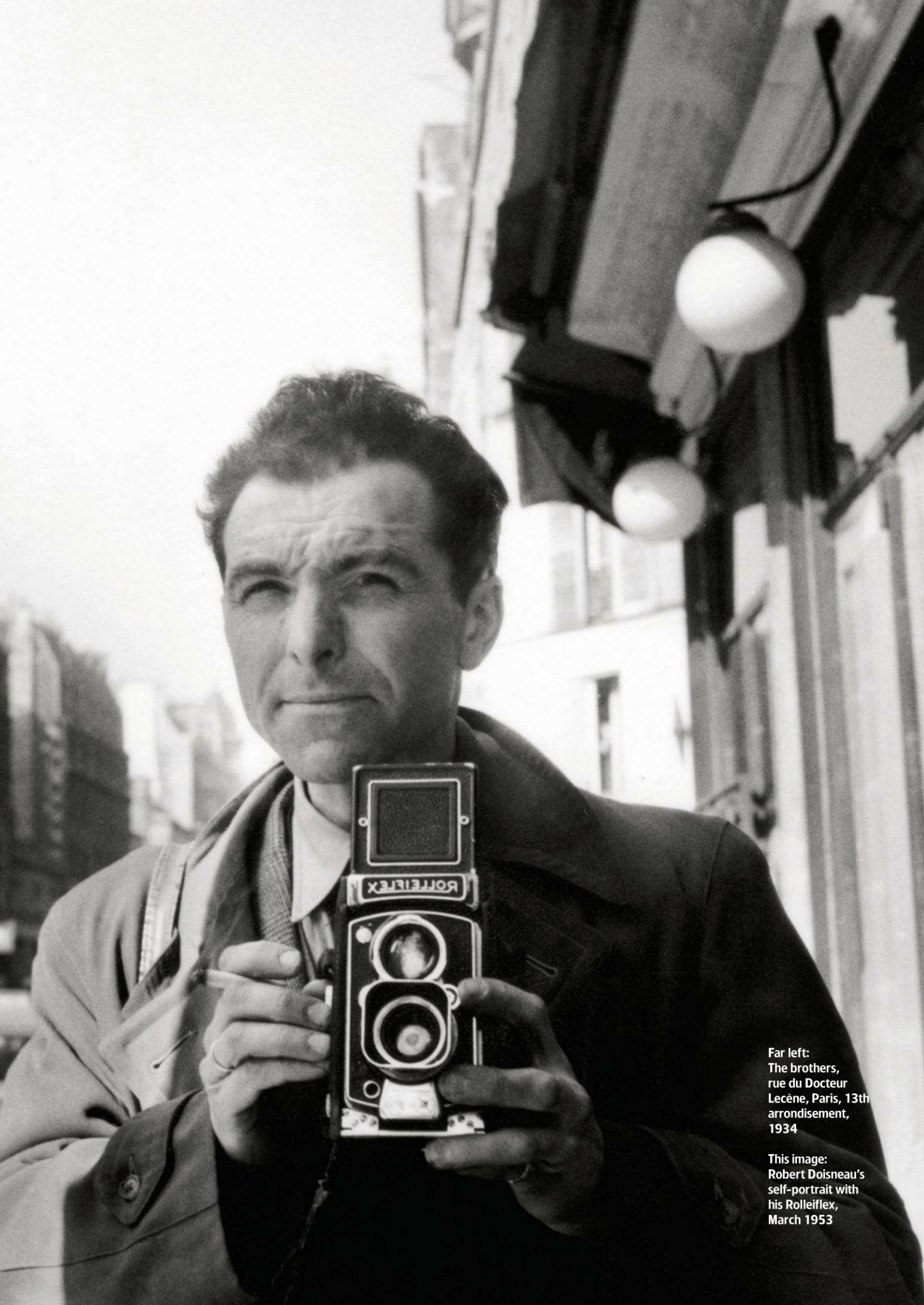
[photographers] never show things as they "really" are,' he said. 'The world I was trying to present was one where I would feel good, where people would be friendly, where I could find the tenderness I longed for. My photos were like a proof that such a world could exist.'

This hankering for a perfect, generous-spirited world perhaps had its roots in Doisneau's early life experiences. His father, who worked as a plumber, was killed while serving for the French army during the First World War when Doisneau was just four years old. His mother died three years later and he was brought up

©ROBERT DOISNEAU/GAMMA-RAPHO/GETTY IMAGES







Far left:  
The brothers,  
rue du Docteur  
Lecène, Paris, 13th  
arrondissement,  
1934

This image:  
Robert Doisneau's  
self-portrait with  
his Rolleiflex,  
March 1953



**'The world I was trying to present was one where I'd feel good, where I could find the tenderness I longed for'**

by an aunt who he described as 'unloving'.

Doisneau came from a family of artisans and craftsmen, and at the age of 13 he began studying lithography at the École Estienne in Paris. He left with diplomas in lithography and engraving in 1929. However, he had already become fascinated by photography, and in 1931, after briefly working as a draughtsman, he went to work as an assistant to advertising photographer André Vigneau.

In his spare time, Doisneau frequently went out to photograph people on the streets of Paris with either his Leica or Rolleiflex. He overcame his natural shyness and began by photographing children, then later adults. One of his most successful pictures from this early period shows two brothers walking on their hands (shown on page 38). He later recalled that he saw them further down the street and knew that they would want to show off their skills to another pair of brothers. 'Actually it was rather easy to get this picture,' he said. 'All I needed was patience.'

In 1934, Doisneau began work as an industrial photographer at the Renault car factory. He stayed for five years, although he didn't like the job. 'I used to dream a lot of my time away,' he later said. He was eventually sacked for persistent lateness and began working as a freelance photojournalist for the Rapho photo agency, travelling widely around France and shooting his first professional street pictures.

This job suited his skills and interests perfectly, but it was brought to a sudden end after just three months when the Second World War broke out. He was initially drafted into the French army, but during the subsequent German occupation he became an active member of the Resistance. He used his skills as an engraver to forge identification papers and passports.

Doisneau used his camera to document life in occupied Paris and, after six years of wartime, the joy of the city being liberated in 1944. He then returned to work in advertising and to freelance for magazines, including *Life*. Later he worked as a fashion and reportage photographer for *Vogue* from 1948–1952. However, he felt uncomfortable with shooting high-society events and pictures of models, preferring to photograph the real lives of ordinary people.

He published his first book of photographs, *The Suburbs of Paris*, in 1949, and several more Paris-based books followed. In these, while Doisneau was recording daily life in the working-class



© ROBERT DOISNEAU/GAMMA-RAPHO/GETTY IMAGES

**'The Learning Process'. Children at school, Paris, 1956**

## BOOKS AND WEBSITES

**Books:** *Robert Doisneau: Paris* (published in paperback by Flammarion) contains more than 600 of his photographs. A more concise introduction to his work is available in *Robert Doisneau 1912–1994* by Jean-Claude Gautrand (published by Taschen).

**Websites:** The official Doisneau website (French text) is [www.robert-doisneau.com](http://www.robert-doisneau.com). It includes a broad range of his images collected under dozens of thematic headings. The transcript of Horvat's interview with Doisneau can be found in the 'Entre Vues' section of [www.horvatland.com](http://www.horvatland.com).

communities he loved, there is also a feeling that he was consciously recording a way of life that was fast disappearing.

In 1950, while working on a story on Paris as 'the city of romance' for *Life* magazine, Doisneau took what became his most famous picture, 'The Kiss at City Hall'. It showed a couple passionately kissing in the street. The picture went on to become a bestseller in the 1980s, with more than half a million posters and almost as many postcards being sold.

By the early 1960s, Doisneau's pictures of everyday Paris life were out of fashion and the picture-based magazines he supplied were in decline. He worked as an advertising and commercial photographer, and shot his often playful portraits of famous people, such as Picasso, actor Buster Keaton and film director Jacques Tati.

Doisneau's later years were clouded by the long-term illness of his wife and the post-war changes to his beloved city. He was further dismayed when, in the early 1990s, several couples came forward to claim that they were the people in the 'Kiss' picture and demanded a share of the royalties.

The ensuing court case found in Doisneau's favour, but during the legal battle he admitted that the photograph was staged. This revelation showed that his pictures were not all pure reportage resulting from patience and skill, but that at least some were a mixture of the accidental and the arranged.

A shy and unassuming man, Doisneau spent his final years living quietly in Montrouge, a suburb of Paris. By the 1990s, the city which he knew as a young man had largely gone, and with it went his inspiration.

'People almost seem out of place in this [altered] landscape,' he lamented in his book *Paris*. 'Before the war, there were nooks and crannies everywhere. Now people are trying to eliminate shadows, straighten streets... clutter has been outlawed. But a little disorder is a good thing. That's where poetry lurks.' **AP**

# Biography

## 1912

Born on 14 April in Gentilly, Val-de-Marne in the southern suburbs of Paris

## 1929

Graduates from at the École Estienne, a craft school in Paris, with diplomas in lithography and engraving

## 1931

Becomes an assistant to the modernist photographer André Vigneau

## 1934–39

Works as an industrial photographer at the Renault car factory

## 1939

Hired as a freelancer for the Rapho photo agency

## 1939

Called up for national service in the French Army and subsequently joins the French Resistance

## 1946

Returns to Rapho as a freelance photographer

## 1948–52

Works as a reportage and fashion photographer for *Vogue*

## 1984

Appointed a *Chevalier* (Knight) of the Legion of Honour

## 1993

Undergoes triple heart bypass surgery

## 1994

Dies on 1 April from acute pancreatitis, aged 81



we buy any  
camera.com



transform your un-used  
or un-wanted  
photographic gear in  
to hard cash. it's quick,  
easy and safe.

Subject to terms and conditions and item evaluation.

webuyanycamera.com

**Wilkinson**  
Cameras  
www.wilkinson.co.uk

**FREE COLLECTION SERVICE**  
for equipment worth £500.00 or more  
ASK FOR DETAILS.

londoncameraexchange

Lakeside Optics



## CHEW VALLEY BIRD FAIR

THE SOUTH WEST'S LEADING OPTICAL SHOW  
ON THE LAWN AT CHEW VALLEY LAKE TEA SHOP  
NEAR BRISTOL

**FRIDAY 12<sup>TH</sup> AND  
SATURDAY 13<sup>TH</sup>  
APRIL**  
10AM - 4.30PM



MEET THE SPECIALISTS FROM

SWAROVSKI - ZEISS - LEICA - STEINER - OPTICRON - HAWKE - TAMRON  
MANFROTTO - MEOPA - NIKON - CANON - VORTEX - CELESTRON  
FOREST OPTICS - PANASONIC - SIGMA - SONY - VELBON



**MANY  
FANTASTIC  
OFFERS  
ON THE DAY**

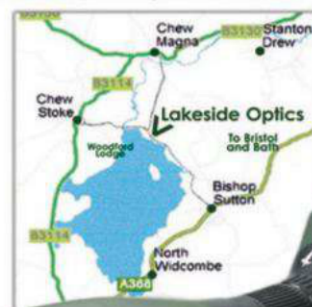


**TRY OUT THE NEW ZEISS HT's**

**WILD ARENA** - will be offering a FREE MACRO AND WILDLIFE PHOTOGRAPHY  
DEMONSTRATION using Canon equipment at **11AM, 1PM AND 3PM** over  
both days of the show. There is a maximum of 20 places per  
demonstration so book your place now by calling us at Lakeside.

**TRADE IN YOUR  
OLD OPTICS  
WE HAVE THE BEST  
PART-EXCHANGE PRICES**

**FREE  
SWAROVSKI  
CARBON FIBRE  
TRIPOD WITH ALL  
ATX SCOPE PURCHASES**



SWAROVSKI  
OPTIK

LOCAL BIRDWATCHING AND NATURAL HISTORY GROUPS ATTENDING

call for details... **MONDAY-SATURDAY**

**01275 332042**

www.lakesideoptics.co.uk

OR AT OUR BATH SHOP ON: **01225 462234** (7 DAYS)







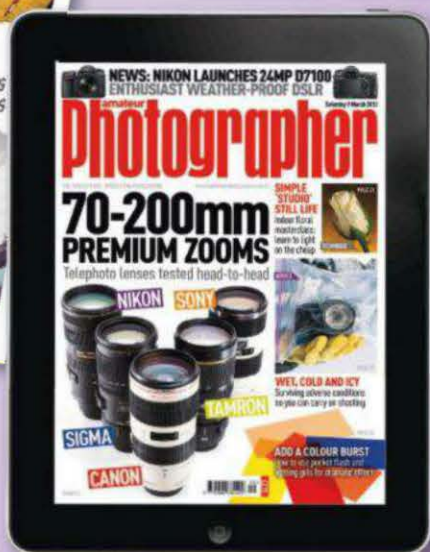
SUBSCRIPTION OFFER

amateur  
**Photographer**

# SUBSCRIBE TODAY FROM UNDER £8 A MONTH\*

£8

PAY JUST  
~~£1.84 £2.80~~  
AN ISSUE



## MORE GREAT REASONS TO SUBSCRIBE...

- PRINT SUBSCRIBERS CAN READ THE IPAD EDITION AT NO EXTRA COST†
- ENJOY CONVENIENT HOME DELIVERY EVERY WEEK
- NEVER MISS AN ISSUE

THE DIRECT DEBIT GUARANTEE - This Guarantee is offered by all banks and building societies that accept instructions to pay Direct Debits. If there are any changes to the amount, date or frequency of your Direct Debit, IPC Media Ltd will notify you 10 working days in advance of your account being debited or as otherwise agreed. If you request IPC Media Ltd to collect a payment, confirmation of the amount and date will be given to you at the time of the request. If an error is made in the payment of your Direct Debit, by IPC Media Ltd or your bank or building society you are entitled to a full and immediate refund of the amount paid from your bank or building society. If you receive a refund you are not entitled to, you must pay it back when IPC Media Ltd asks you to. You can cancel a Direct Debit at any time by simply contacting your bank or building society. Written confirmation may be required. Please also notify us.



**amateurphotographersubs.co.uk/iapmm**



**Call 0844 848 0848**

and quote code **14B**

Call: +44 330 3330 233 (from outside the UK)  
Lines open 8am and 9pm UK time, 7 days a week



# Improve your photography

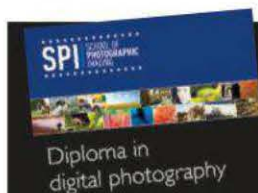


*'I started with the SPI Foundation in Photography in 2009 and learned so*

*much from this course. I always look forward to getting feedback from my tutors and I am currently completing the Foundation in Digital Imaging Techniques course.'* **Ross Mackenzie**



- Study in your own time
- Receive detailed feedback from a professional tutor
- Huge savings on Adobe Photoshop CS6
- Split the monthly payment costs
- Half-price magazine subscriptions
- Subject-specific, bite-sized courses from only £75
- Dedicated student area and online forum



## DIPLOMA IN DIGITAL PHOTOGRAPHY

**COURSE FEES ONLY £299**

### COURSE LEVEL INTERMEDIATE/ADVANCED

- Working with tones: Levels and Curves
- Contrast control
- Using white balance
- Black & white techniques, toning and staining
- Working with colour
- Retouching and sharpening
- Sizing, printing and storing



### Offer on Photoshop CS6 Extended

Our exclusive deal with Adobe allows our students to purchase CS6 Extended for £190.80\*



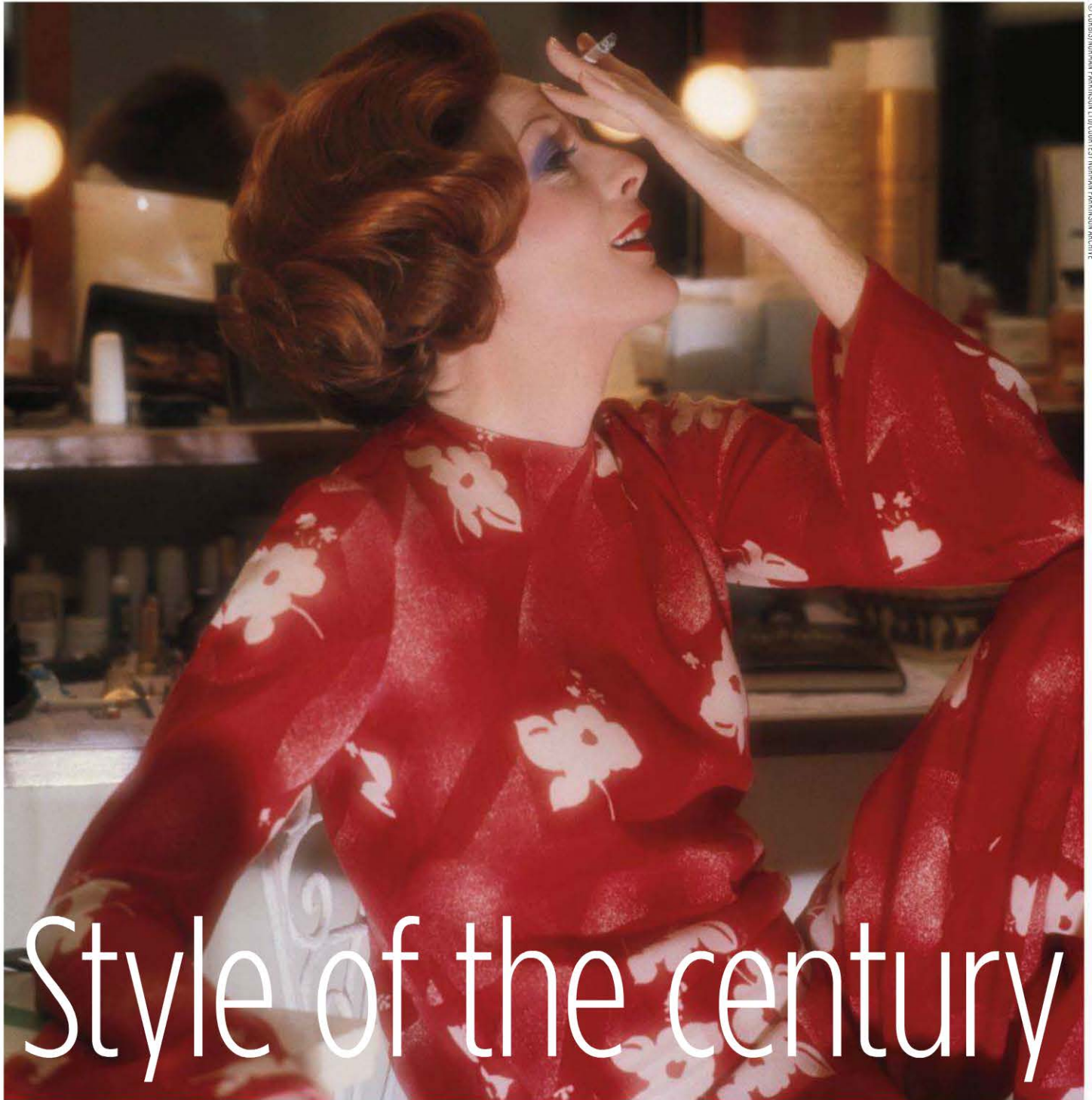
\*This price is a special rate for those who do not qualify as a 'full-time' student in order to obtain a discounted version of CS6 Extended direct from Adobe



For detailed course contents or to enrol call **0203 148 4326**  
or visit **WWW.SPI-PHOTOGRAPHY-COURSES.COM**

Please quote ref: SPI009





# Style of the century

Eccentric but influential, **Norman Parkinson** took fashion out of the studio to create natural-looking images combining grace and style. With 2013 marking the centenary of his birth, **David Clark** looks at his life and work

**'I LIKE** to make people look as good as they'd like to look,' said Norman Parkinson, 'and, with luck, a shade better.' His main aim in his 50-year career in fashion and portraiture, stated here with characteristic modesty, was to create photographs that were flattering but which also had energy and vitality.

This year marks the centenary of Parkinson's birth, and the anniversary has brought about a revival of interest in the work of this flamboyant and influential

photographer. Three major exhibitions will be running simultaneously at galleries in London and Bath, and a BBC documentary on his life will be broadcast at the end of April (see page 49).

Parkinson was a unique character in the fashion world. Known as 'Parks' to his friends, he was 6ft 5in tall, had a cultivated public-school accent and a charming manner. He had a clipped, upturned moustache and habitually wore one of his 'lucky' Kashmiri bridal hats when working.

**Actress Maggie Smith poses in her dressing room, 1970s**

John Langley, who has curated the exhibition of Parkinson's work currently showing at the National Theatre in London, says it helped him in his career to develop this eccentric persona. 'Parkinson clearly wanted to be noticed and to project this essence of Englishness and meticulousness,' he says.

'What's pretty clear is that for the most part he was immensely popular and genuine, and he didn't have the snobbishness that you might expect with that kind of Englishness. He was well liked by his models and the range of people who worked with him.'

Apart from his larger-than-life personality, Parkinson's work made him an important figure in the development of British fashion photography. It





# NEW YORK, NEW YORK (1959)

**NORMAN** Parkinson's photograph of a smiling couple running with bags in hand and the New York skyline behind them has become one of his most famous images. It seems to encapsulate the city's spirit of optimism and excitement. However, the shot is not all it seems and arranging it called for a little of Parkinson's ingenuity.

He had been commissioned to shoot a travel image for *Go*, a travel magazine, and wanted to use people who were not models and who had a natural look. Ironically, for such an apparently all-American picture, he chose to feature two English people he knew who lived in New York.

One was Robin Miller, an Old Etonian and ex-Grenadier Guard who had moved to the city after the Second World War and went on to co-write the hit musical *Dames at Sea*. The other was Pippa Diggle, a medical secretary who lived next door to Parkinson's Manhattan apartment.

## FAKED A CAR BREAKDOWN

Parkinson drove the couple to Franklin D Roosevelt East River Drive, near the Brooklyn Bridge, which had a great view of the New York skyline. However, there was no path for pedestrians on that section of road, so Parkinson faked a car breakdown and put up the bonnet. Then he crouched down behind it and got them to run along the road towards him, shouting, 'Run, dears. Run!'

After shooting very few frames, which included this one classic image (below), they got back in the car and sped off. It was taken in Diggle's lunch hour and she returned to work in the afternoon.

'It's one of those images which you take as read,' says John Langley, the National Theatre's Parkinson exhibition curator. 'You don't stop to wonder why these middle-class people are running along the road and waving their suitcases about. It's a wonderful photograph, but it's perhaps greater than its constituent parts.'

Robin Miller died in 2010, aged 82. Pippa Diggle, 79, now lives in London.

Right: David  
Bowie, 1977



© CORBIS/NORMAN PARKINSON LTD/COURTESY NORMAN PARKINSON ARCHIVE







© CORBIS/NORMAN PARKINSON LTD/COURTESY NORMAN PARKINSON ARCHIVE





© CORBIS/NORMAN PARKINSON LTD/COURTESY NORMAN PARKINSON ARCHIVE

Fashion models on the roof of the Condé Nast Building in New York



had the style and elegance of his predecessor Cecil Beaton, but also the dynamism, informality and freedom that were a trademark of the 1960s generation of fashion photographers.

## EARLY LIFE AND CAREER

Parkinson was born in Putney, south-west London, on 21 April 1913, the son of a barrister, and named Ronald William Parkinson Smith. He was sent to a prep school in Eastbourne, East Sussex, before moving on to the exclusive Westminster School in central London. He wasn't naturally academic, but was popular and showed promise in art.

In one of his school reports his headmaster wrote, 'This is one of the worst reports I have ever seen, but I can't help liking the fellow.' He left school in 1931 and was apprenticed to Speaight & Son, which he called a 'wonderfully antique' portrait studio in London's Bond Street. It specialised in pictures of upper-class debutantes.

He stayed there for two years and learned the basic skills of the craft before being fired for 'misuse of equipment'. The following year he set up his own studio in Dover Street in London's West End, aiming to make money from shooting portraits of aristocratic young women. However, it wasn't a reliable source of income as the girls rarely paid their bills.

Instead, a new avenue of income opened up. His work was seen by the editor of the English *Harper's Bazaar* and he began doing monthly fashion assignments for the magazine, as well as portraits and reportage for *Bystander*.

Above: Candid fashion shot for *Life*, 1963

Below: Fan dress, *Harper's Bazaar*, 1938



© NORMAN PARKINSON LTD/COURTESY NORMAN PARKINSON ARCHIVE

Parkinson admired the carefully crafted fashion work of photographers such as Adolph de Meyer and George Hoyningen-Huene, but wanted to do something different. These photographers, as Parkinson said on *Desert Island Discs* in 1978, 'took very scent-laden studio or apartment pictures of girls with heavy furniture'. However, their stiff formality wasn't to Parkinson's taste. 'As soon as I got hold of girls, I thought that they didn't really need their knees bolted together,' he said. 'I thought that they were people who should be taken outside, and should run and jump and behave in the way I thought they always did behave.'

This idea that fashion could be taken out of the studio and onto the street had been introduced by Martin Munkácsi in the late 1920s, but now Parkinson developed the idea in his own way. He took models to various outdoor locations and photographed them in natural poses, often involved in some form of activity.

In 1947, Parkinson married his third wife, model and actress Wenda Rogerson (his two previous marriages had ended in divorce). Two years later, after working for British *Vogue*, Parkinson and his





© CORBIS/NORMAN PARKINSON LTD/COURTESY NORMAN PARKINSON ARCHIVE

family moved to New York to work on its American counterpart.

His informal shots of models on Manhattan streets had an energy that made them stand out from the studio shots of his contemporaries. This, for Parkinson, was the way forward. 'Any photographer who surrounds himself with a studio is doomed,' he later remarked.

#### LATER YEARS

By the 1950s, Parkinson was established as one of the major fashion and portrait photographers of the period and was frequently on assignment in exotic locations. In 1963, he moved to the Caribbean island of Tobago, where he built his dream house. He later set up a co-operative pig farm on surrounding land and created the Parkinson sausage business, a brand that is still sold today.

In 1969, he was invited to be the official photographer at Prince Charles's Investiture as the Prince of Wales. It was the beginning of a long association with the royal family that led to numerous royal portraits, including the Queen Mother's 80th birthday 'Blue Trinity' portrait. In it, the Queen Mother, the Queen and Princess Margaret

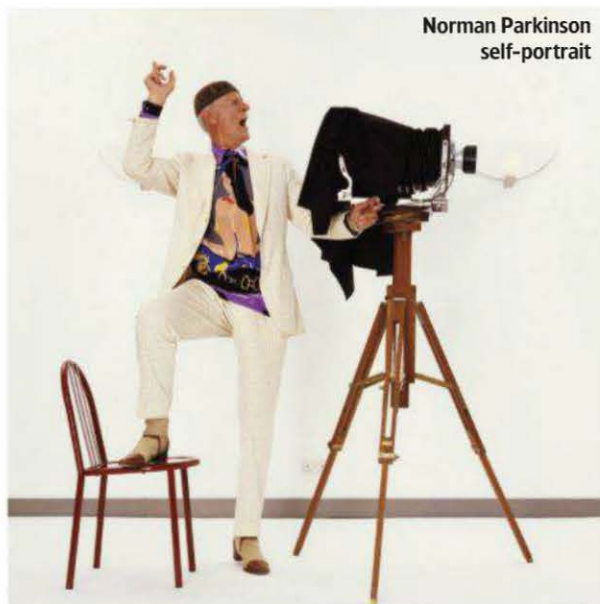
are shown wearing glossy blue silk gowns, and its similarity to an album-cover shot led to it being dubbed 'The Windsor Sisters'.

Despite competition from the new generation of fashion photographers spearheaded by Bailey, Donovan and Duffy (who he referred to as 'The Black Trinity'), Parkinson continued to work regularly, shooting fashion and portraits for magazines such as *Vogue*, *Queen* and *Life* as well as commercial work.

The secret of his continuing success was that he was able to adapt his photographic work to suit the ever-changing fashion styles, and to produce fresh and inventive portraits of new generations of celebrities. His high-profile subjects in later years included Elton John, David Bowie and Jerry Hall. He was made a CBE in 1981.

Parkinson died in 1990 aged 76, as the result of a brain haemorrhage while on assignment in Singapore. He was buried in accordance with his wishes in a plot of private land near his house on Tobago. In his 1978 *Desert Island Discs* interview he had explained why he chose this particular location, saying 'I never wanted to be buried with people I hadn't been introduced to.' **AP**

Norman Parkinson self-portrait



© CORBIS/NORMAN PARKINSON LTD/COURTESY NORMAN PARKINSON ARCHIVE

# CENTENARY EVENTS

## Exhibitions

### LIFEWOR: NORMAN PARKINSON'S CENTURY OF STYLE

Lyttelton Exhibition Foyer, National Theatre, Upper Ground, South Bank, London SE1 9PX, until 12 May. Open Mon-Sat 9.30am-11pm, Sun noon-6pm. Tel: 0207 452 3400. Website: [www.nationaltheatre.org.uk](http://www.nationaltheatre.org.uk). Admission free. Sponsored by Corbis, the event includes 87 prints from throughout Parkinson's career.

### NORMAN PARKINSON, A CENTENARY CELEBRATION

Showing at Chris Beetles Fine Photographs, 3-5 Swallow Street, London W1B 4DE, from 9 April-4 May. Open Mon-Sat 10am-5.30pm. Tel: 0207 434 4319. Website: [www.chrisbeetlesfinephotographs.com](http://www.chrisbeetlesfinephotographs.com). Admission free. The exhibition focuses on Parkinson's work from the 1940s-1960s.

### MOUVEMENTS DE FEMMES: NORMAN PARKINSON BY ROLAND MOURET

On show at The Octagon, Milsom Place, Bath BA1 1DN, from 13 April-12 May. Open Tues-Sun 10am-5.30pm. Tel: 0844 847 5256. Website: [www.bathinfashion.co.uk](http://www.bathinfashion.co.uk). Admission free. An exhibition of Parkinson's most famous images and some lesser-known work, curated by French fashion designer Roland Mouret.

## Television

A BBC TV *Arena* documentary on Norman Parkinson, featuring archive footage and interviews with Parkinson's models, including Jerry Hall and Celia Hammond, will be broadcast in late April (date to be confirmed).



# AP Testbench

Over the next few pages we present this week's equipment tests, reader questions and technique pointers

## Think Tank Photo Glass Limo £155

[www.snapperstuff.com](http://www.snapperstuff.com)

**THINK** Tank Photo's Glass Limo is a long backpack designed for transporting long lenses or large amounts of kit. The bag's interior is 22.1cm wide, 21.1cm deep and 48.2cm high, which is large enough to fit either a 600mm f/4 lens or a 500mm f/4 lens with a professional-level DSLR attached. The adjustable dividers inside also make it possible to transport smaller kit securely. The straps are well padded with a breathable mesh, and even when fully loaded I found the bag comfortable to wear. A clip-secured, removable waist belt also adds some extra security, and the YKK zips on the main pocket are designed not to open accidentally.

The Limo has two exterior pockets to hold tripods or monopods, with additional straps to secure them in place. This is a good extra feature, and it works well with small to medium-sized tripods, but I wouldn't recommend using it to carry a tripod longer than 50cm when collapsed.

If you're planning to travel with telephoto lenses or lots of kit, the Glass Limo is a superior choice for protection, security and comfort. The bag's exterior dimensions (22.9x23.4x50.8cm) should make it acceptable as hand luggage, although I would advise checking this with your airline before taking it on your travels. **Jon Stapley**



### The AP guarantee to you

All our tests are conducted by people who understand the product area, as well as photography. We aim to discover any shortcomings, as well as finding those aspects that deserve praise. All our tests are thorough, honest and independent

**Amateur Photographer**  
A comfortable, durable backpack to suit a broad range of needs



## Vanguard GH-300T pistol-grip ball head Around £160

[www.vanguardworld.co.uk](http://www.vanguardworld.co.uk)

### THE VANGUARD

GH-300T pistol-grip ball head has a similar design to the GH-100 head (reviewed in AP 30 October 2010), but adds a key new feature. The new head has a built-in remote shutter release, which makes it great for wildlife and sports as a lens can be easily panned while shooting. The correct cable for one's camera is essential, and there are five available covering most Canon, Nikon, Sony, Pentax and Samsung cameras. A dial on the rear grip locks or releases the head, which can be moved in the lock position by depressing the grip handle. The lock is firm and secure – so much so, that it can impede smooth panning.

The head can be bought as a kit with the carbon-fibre Pro 283CGH tripod legs for around £500. They extend to 178.4cm, weigh about 3kg and adjust to 25°, 50° and 80°. The feet can have spikes, rubber pads or snow shoes. All in all, this is a versatile companion for a demanding shoot. **Jon Stapley**



**Amateur Photographer**  
A heavy-duty and versatile tripod and head, good for action photography and panoramas



**FORTHCOMING TESTS** In the next few weeks AP hopes to run the following equipment through the most rigorous testing procedures in the industry...

### Nikon D7100

We test Nikon's new flagship, DX-format DSLR, the 24.1-million-pixel D7100, with no optical low-pass filter and a weather-sealed body.

AP 13 April

### Pentax MX-1

Pentax joins the retro-cool revolution with its newest high-end compact camera. We find out if it's as good as it looks.

AP 13 April

### Samsung NX300

Find out how Samsung's latest NX-system camera, with new 20.3-million-pixel, APS-C-sized CMOS sensor, performs.

AP 27 April

### Nikon Coolpix A

We test Nikon's brand-new DX-format compact camera with 16.2-million-pixel APS-C-sized sensor and 18.5mm f/2.8 (28mm equivalent) lens.

AP 4 May

### Fujifilm X20

Retro charm and a new 12-million-pixel X-Trans sensor could make Fujifilm's X20 one of the best compact cameras of 2013.

AP 18 May





# Fujifilm X100S

In 2011, the **Fujifilm X100** took the world by storm, offering the style of a **Leica M** but at a more affordable price. We test its successor, the **X100S**, with upgraded 16.3-million-pixel sensor

**Tim Coleman**  
Deputy technical editor



**TO SAY** that the design of the Fujifilm X100 caused a stir among enthusiast photographers is a bit of an understatement. An online poll put to *Amateur Photographer* readers suggested that almost half of those who took part were prepared to buy an X100, even before the camera had been tested and therefore before they knew what the picture quality was like. The camera commands the same kind of interest as the Leica red dot, and has been followed by a number of popular digital cameras with

similar retro appeal, including Fuji's own extensive X series and models such as the Olympus OM-D E-M5. Thankfully, as the successor to the X100, the X100S carries virtually the same stylish exterior, but with numerous improvements that address some of the handling issues we discovered when we tested the X100 in AP 23 April 2011.

Those who bought the X100 on looks alone will have been pleased with its performance – our test of the camera confirmed its impressive picture quality. The X100S now features an upgraded sensor, which is the same 16.3-million-pixel, X-Trans model as that found in Fuji's X-Pro1 and X-E1. Not only can we expect improved handling, then, but better images too.

A key aspect of the X100S is that it uses a fixed focal length lens – the same 23mm

## AT A GLANCE

- 16.3-million-pixel, APS-C-sized, X-Trans CMOS II sensor
- Fujinon 23mm (35mm equivalent on full-frame) f/2 lens
- ISO 100-25,600
- Hybrid viewfinder
- Full HD 1920x1080 capture at 60fps
- On-sensor phase-detection AF
- 0.5secs start-up time
- Street price around £1,099

(35mm equivalent on full frame) f/2 optic as its predecessor, so there is no option for zooming in and out. This focal length is associated with street photography, but is also suitable for reportage, landscapes and environmental portraits. There is also a WCL-X100 wide conversion lens, which shortens the equivalent focal length to 28mm. This is the lens used during this test.

## FEATURES

With much the same body and lens as the earlier X100, one could be forgiven for wondering just what the X100S has to offer. Fuji tells us that there are more than 70 improvements to the X100S over the X100, in several important areas. It appears we have already seen many of these in the company's X-E1, which was released at the end of last year, but some are unique to the X100S.

As mentioned, the new camera's imaging sensor is the same 16.3-million-pixel, X-Trans unit as that found in Fuji's X-Pro1 and X-E1 compact system cameras. The sensor's colour filter array has a random pattern (unlike the common uniform pattern of the Bayer array), which reduces the risk of moiré and means an anti-aliasing filter over the sensor is no longer required. This, in turn, should mean that images are sharper.

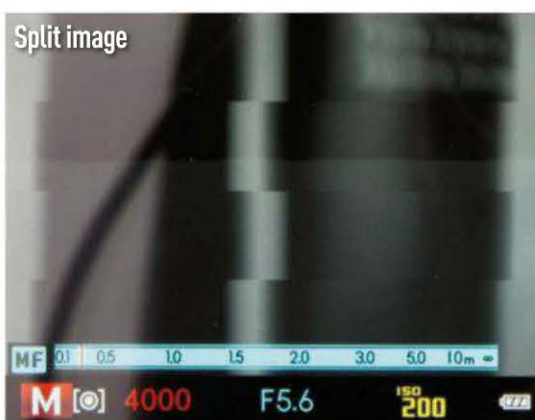
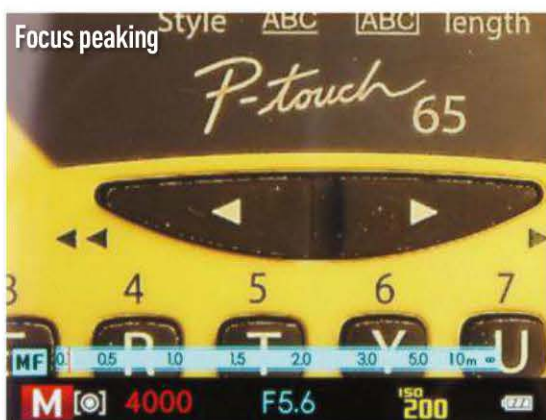


During the launch of the X100S, Fuji showed a graph with data claiming that the camera resolves as much detail as a 24-million-pixel, full-frame camera. Certainly, the X-Pro1 and X-E1 resolved more detail in our tests than we would have expected from a 16-million-pixel camera – the images were very sharp. We can therefore expect a clear improvement in the images of the X100S over those from the 12.3-million-pixel X100. Furthermore, raw-format images are now recorded in 14-bit, rather than 12-bit in the X100, which provides approximately 4x the range of tones.

Another improvement to the X100S's sensor is the introduction of on-sensor phase-detection autofocus. In the central 40% of the frame, 142,000 pixels (which are interpolated by surrounding pixels) are used both for the final image and for phase-detection AF. Also known as hybrid AF, the camera automatically switches between phase and contrast detection. Phase-detection AF requires just a single motor movement to locate the focus area, while contrast-detection AF can be



Above: The X100S may well have a fixed 35mm focal length, but the wide conversion lens transforms the focal length to 28mm. There is virtually no impact on image quality, so the conversion lens is in effect a second lens



## FEATURES IN USE MANUAL-FOCUS ASSISTS

**NOT ONLY** does the Fuji X100S feature an improved focus ring for manual focusing, but it also offers three manual-focus assist modes, two of which are new. Standard mode simply activates focus magnification in live view, which can be viewed on the LCD screen or via the EVF. Focus peaking is new, although we have seen it before in cameras such as the Sony Alpha 77. Again, it works via live view, adding a high-contrast black line around subject edges that are in focus. There is a low and a high setting, designed for differing degrees of precision focusing. I would like to see different colour outlines

other than black for focus peaking, such as red, because the black outline can be difficult to view clearly.

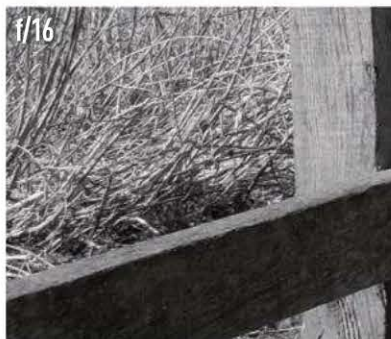
Most intriguing is the new digital split-image focus-assist function. I have been hoping for many years to see split-image focusing, inspired by a conventional rangefinder camera, to make its way into a digital model. It is possible in the X100S due to the inclusion of phase-detection pixels on the sensor. The central 40% of the frame that is covered by the phase-detection pixels is displayed in live view (on screen or via the EVF) in black & white, and then split into left and

right images. Turn the manual-focus ring and the central portion of the live-view image is magnified, from which it is easier to view and line up the two images to achieve accurate focus.

This does not have quite the same feel as when using the 'traditional' method via the optical display, but nevertheless this assist function is useful. The manual-focus assist that works best depends on the scene being captured, but the X100S offers virtually the most comprehensive handling for manual focusing we've seen in a digital compact camera.







Detail when shooting at f/16 is sharp. However, there is still a noticeable difference in the same scene when shot at f/4, where detail is crisper

slower as it may need to hunt back and forth for the focus point. The use of hybrid AF has quickened the AF speed to a claimed 0.08secs, compared to 0.22secs in the X100. There have also been key improvements to the way in which manual-focusing operates (see the *Build and handling* section for more on this).

Like the X-E1, the X100S uses Fuji's latest EXR Processor II, and the overall response of the camera is quicker than before (again, see *Build and handling* for more details). Given that data is processed at a faster rate, the shooting modes benefit directly. For example, the continuous high-speed burst of 6fps lasts for more than 30 frames, depending on the memory card in use. Other shooting modes include motion panorama, a two-frame multiple exposure, eight different advanced filters and a number of bracketing modes for

**Below: The shadow areas in the original shot appear completely black, but brightening the exposure +3EV reveals plenty of detail**

ISO, exposure, dynamic range and 'film simulation' (colour mode).

New to the X100S is Fuji's Lens Modulation Optimiser (LMO). This is hardware built into the processor that, through digital processing, calculates diffraction and aberration of the lens to minimise both of these distortions in JPEG images. Being less prone to diffraction should allow the use of slower apertures – f/16, for example – with minimal impact on image sharpness (see *Noise, resolution and sensitivity*). This is good news for those who want the greatest depth of field possible without compromising on image sharpness. Fuji informs AP that this hardware could be introduced to a processor of an interchangeable lens camera, too. The new processor further benefits the camera by giving a cleaner signal, elevating the signal-to-noise ratio by 1EV and resulting in a 30% improvement in noise reduction.

9/10

### BUILD AND HANDLING

The bodies of the Fuji X100 and X100S are the same size, weight and form, with the same button positioning. The X100S looks great, and is well made, with a solid metal top-plate and dials. 'Made in Japan' is etched onto the rear and bottom of the camera. The textured leather exterior both looks and smells the part. As on the X100, there is no pronounced handgrip or thumb grip for a firm hold, but the X100S is large enough and light enough that this doesn't matter.

It is the 'S' on the frontplate that differentiates the X100S from its predecessor. There are also a few minor changes to the functions of some of the buttons: the raw button of the X100 is now a quick menu button, as on Fuji's CSCs; while the drive-mode button has switched places with the AF button and is now on the

left of the rear screen, rather than on the control wheel. AF-S and AF-C have also swapped places on the focus switch, with AF-S now at the bottom to make it easier to flick the switch to this setting from MF as AF-S is more commonly used than AF-C. These are all minor changes.

A function button remains, and can hold up to one exposure control at a time. By default, it is set to ISO. Handily, auto ISO can be limited to particular sensitivities, set to a default ISO, and a minimum shutter speed is permitted up to 1/125sec. Therefore, for general use, auto ISO can be relied upon.

The fixed 23mm lens is just like a pancake lens, and therefore adds very little depth to the camera. The whole unit can just about fit in a trouser pocket. The aperture ring of the lens rotates in full aperture stops, with suitable resistance. A 28mm (equivalent) wideangle converter is available, and removing the front lens ring exposes the thread onto which it screws. There is an on/off option in the menu when using the converter, in order to view and compose the scene correctly.

Manual focusing is around twice as fast as that on the X100, with the X100S requiring half the number of turns of its focus ring to go from its close-focus distance to infinity. This has been achieved by doubling the encoder pitch of the electronic focus ring of the X100 and is a welcome improvement.

Given that this camera is likely to be popular with street and reportage photographers, a quick start-up time and response are vital to its effectiveness. Thanks largely to the new processor, start-up time has been halved to 0.5secs, which is the same as the X-E1. Shutter lag is measured at 0.01secs, and there is a shooting interval time of around 0.5secs, again halved from the X100. With the X100S and X100





side by side, the difference in speed is clear, and not an improvement to gloss over.

9/10

## WHITE BALANCE AND COLOUR

The colour rendition of Fuji's X-series cameras is one of their strengths. Hardly a tweak is needed for JPEG files from the X100S, as they are generally spot on. In bright daylight, the standard colour mode produces punchy and realistic colours. Using the vivid colour setting in such conditions produces overly saturated colours. Likewise, AWB retains the warm tone of evening sunlight – I could see little difference between this white balance setting and the sunny preset.

There are many colour modes, including a full set of filters in the black & white mode. Each colour mode is named after Fuji's various film stock, such as Provia and Astia, and aims to replicate the effect. Colour bracketing in JPEG-only capture can record up to three colour modes (film stock) simultaneously, although raw images can be converted post-capture using any of the colour modes and white balance settings. However, I found little need to shoot in anything other than the standard colour mode and then make my changes in-camera.

9/10

## METERING

Like the X100, the Fuji X100S offers a basic spot, centreweighted and evaluative metering set-up. TTL evaluative metering utilises 256 areas and is, overall, accurate. An exposure-compensation dial is next to where the thumb rests, on the top-plate. However, despite an improvement to the torque of the same dial as that on the X100, it can still be knocked so check before shooting – it is not unusual to take a series of images before realising that the setting has shifted. When shooting raw, it is possible to push/pull the processing post-capture, from +3EV to -1EV.

7/10

## NOISE, RESOLUTION AND SENSITIVITY

Featuring the same 16.3-million-pixel sensor as the X-Pro1 and X-E1, it is no surprise that the Fuji X100S is just as capable of reproducing fine image detail. I cannot help but be impressed by just how crisp this detail is, whether it is hair in a portrait, blades of grass in a landscape or the textures of brickwork in a street scene.

For this test I have processed raw files using Silkipix, converted the images to TIFF files and then edited them, along with the JPEG files, in Lightroom.

Our resolution charts indicate that the X100S can resolve up to the 32 marker when shooting in raw format and using an optimum aperture such as f/4 or f/5.6, which is close to what

# Facts & figures

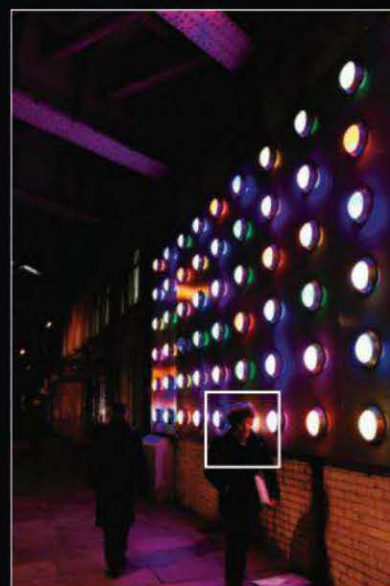
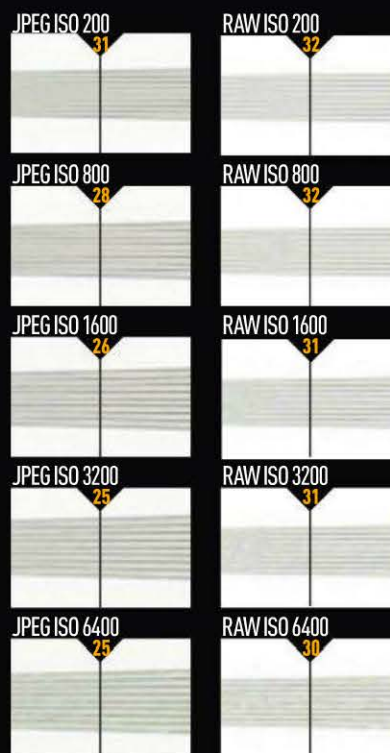


RRP	£1,099
Sensor	16.3-million-effective-pixel X-Trans CMOS II
Output size	4896 x 3264 pixels
Lens	23mm f/2-16 (35mm equivalent)
File format	JPEG, RAF (raw), JPEG+ raw, MOV
Compression	2-stage JPEG
Colour space	Adobe RGB, sRGB
Shutter type	Mechanical leaf shutter
Shutter speeds	30-1/4000sec, plus bulb (max 60mins)
ISO	200-6400 (100-25,600 expanded)
Exposure modes	Program, aperture priority, shutter priority, manual
Metering system	256-zone TTL, multi, spot, average
Exposure comp	±2EV in 1/3EV steps
White balance	Auto, 7 presets, custom, manual, WB shift
Drive mode	6fps continuous high, 3fps continuous low
LCD	2.8in, 460,000-dot LCD
Viewfinder type	Hybrid optical/electronic viewfinder
Field of view	90% optical/100% electronic
Dioptr adjustment	-2 to +1 dioptre
Focusing modes	Single, continuous, manual
AF points	49-point system (contrast detection AF), 142,000 phase-detection AF pixels
DoF preview	No (via EVF)
Built-in flash	Yes
Video	1080p HD, 60/30fps, MOV (H.264)
External mic	Yes
Memory card	SD, SDHC, SDXC
Power	Rechargeable NP-95 Li-Ion
Connectivity	USB 2.0, HDMI, microphone input with MIC/ST1 adapter
Weight	445g (including battery and card)
Dimensions	126.5 x 74.4 x 53.9mm

**Fujifilm**, Unit 10A, St Martins Business Centre, St Martins Way, Bedford MK42 0LF.  
Tel: 01234 572 000. Website: [www.fujifilm.co.uk](http://www.fujifilm.co.uk)

## RESOLUTION & NOISE

These images show 72ppi (100% on a computer screen) sections of images of a resolution chart, captured with the 23mm lens set to f/5.6. We show the section of the resolution chart where the camera starts to fail to reproduce the lines separately. The higher the number visible in these images, the better the camera's detail resolution is at the specified sensitivity setting.



Above: This JPEG image has been shot at ISO 3200, where detail is still quite crisp because luminance noise is well controlled





## FOCAL POINTS

### Eye sensor

When selected, the eye-sensor view mode automatically switches between the rear LCD and viewfinder displays when it detects that the camera is held to the face.

### Top dials

Controls on the top-plate include dials for shutter speed and exposure compensation, as well as a function button and shutter button with on/off switch. The on/off switch and exposure compensation dial can be knocked rather easily, so be careful to check their positions before shooting.

### Macro

Close focusing is down to 10cm in macro mode, which is respectable. However, in a huge improvement over its predecessor, the X100S can focus down to 21cm when macro focusing is not selected, while the X100 can manage only 80cm.



Camera shown actual size

### Drive mode

Menu options for drive mode include single, continuous high (6fps) and low (3fps), exposure bracketing, two-frame multiple exposure, motion panorama and movie. For the movie mode there is no direct control elsewhere. In the X100, the drive mode is on the control wheel.

### Quick menu

Whereas the X100 has a raw button here, the X100S instead features a quick menu like its compact system camera counterparts. The menu contains 16 regularly used settings for quick access.

### Flash

There is a built-in flash in a central position on the front of the body, close to the lens. In the flash menu it can be set to suppressed, forced, slow synchro or used as a commander. Alternatively, an external flash can be used via the hotshoe.

### Quick menu







The 35mm focal length is ideal for portraits that include the surroundings

we would expect from a 24-million-pixel camera with anti-aliasing filter. JPEGs aren't as sharp as raw files, resolving up to the 31 marker and then tailing off more noticeably at the higher sensitivities.

Close the aperture down from f/5.6 to f/16 and image detail becomes a little softer, as we would expect, but the Lens Modulation Optimiser processing has reduced the impact of diffraction on JPEGs so that images at this setting are still very usable. This is good news for photographers wanting sharp images with good depth of field, such as when capturing landscapes.

The ISO 200-6400 sensitivity range can be expanded to ISO 100-25,600 in JPEG format only. Detail is sharp in good light using the lower sensitivity settings, and continues to be so in low light and when using higher sensitivities, with images remaining clean. At ISO 1600, detail in night-time street scenes is crisp. There is more of a decline at ISO 3200, but the X100S still performs well in both good and low-contrast light.

28/30

## AUTOFOCUS

One element of the X100 we said could be improved was its autofocus, and thankfully this has been significantly developed in the Fuji X100S. As noted in the *Features* section, the AF system of the new camera is a hybrid type that combines phase and contrast-detection AF, rather than using contrast detection alone. Phase detection is typically the faster system in low light because it does not rely as heavily on good contrast to find focus. The real innovation here is that the 142,000 phase-detection pixels built into the sensor are also used for image capture, so resolved detail is not affected.

With the X100S and X100 set up side by side to record the same scene, there is little difference in the response in bright daylight. Both models are very quick, although the

X100S just has the edge. In low-contrast light, however, the difference is noticeable, with the X100S having a faster response and a better hit rate for accurately focused images.

Spot AF can further improve AF accuracy. Any one of 49 areas can be selected, and the spot area set to one of four sizes, with the smallest being very precise.

8/10

## LCD, VIEWFINDER AND VIDEO

Unlike the Leica X2, which is another stylish fixed-focal-length compact, the Fuji X100S offers video capture. Movie files can be recorded in 1920x1080-pixel full HD at 60fps, while the X100 offers 720p HD capture only. Photographers benefit from video capture because, as a consequence, the camera offers live view – although, of course, it can be switched off if desired. With live view activated, however, I found I was using the rear screen just as much as the viewfinder when composing images, and the compact size of the X100S makes it comfortable to hold away from the body. With its modest 2.8in display and 460,000-dot resolution, the LCD screen remains the same as that on the X100.

Fuji's unique hybrid viewfinder, used again in the X100S, offers both optical (OVF) and electronic (EVF) views. The EVF has been improved to the 2.36-million-dot display used in the X-E1. The benefits offered by this display include exposure preview and manual focus assist modes (see *Features in use*). However, the 'reverse Galilean' optical finder has a display that is noticeably brighter, and using it instead of the EVF or rear LCD conserves battery life – up to twice the number of shots, with 600 possible compared to a 300-shot life when using the electronic displays. It is, however, less clear what is going to be in the final image as the illuminated 'bright frame' shows the frameline, which shifts in the finder when pressing the shutter and covers approximately 90% of the final image. The OVF is not available when the macro AF mode is selected. All in all, I regularly switched between each viewing option, enjoying them all.

8/10

## DYNAMIC RANGE

In its standard picture mode, the Fuji X100S is capable of capturing a wide range of tones. Like most other camera systems, there are options available that will extend this range. Dynamic range is available in various strengths, with 400% the strongest, which creates HDR-like images. This setting is only available when the camera is set to ISO 800 or higher. Generally, the dynamic range auto option can be relied upon. When shooting in raw format, plenty of detail can be recovered from shadow areas – brightening the image by up to 3EV shows that detail from shadow areas is mostly clean and unaffected by noise.

8/10

# Competition



Leica X2

TESTED AP 7 JULY 2012



Nikon Coolpix A

TO BE TESTED AP 4 MAY 2013

**WHEN** we tested the X100 in AP 23 April 2011, its only competitors were the Leica X1 and compact system cameras. Two years later there are a few more, such as the full-frame Sony Cyber-shot DSC-RX1, APS-C-format Nikon Coolpix A and the Leica X2.

The sensors of the APS-C models contain around 16 million pixels, while the RX1 has 24 million. Of the APS-C cameras, the X100S has the fastest lens at f/2, compared to f/2.8 on the Coolpix A and X2. Equivalent focal lengths are 35mm, 28mm and 36mm respectively. Like the X100S, the RX1 uses a 35mm f/2 lens.

The Coolpix A is the smallest of these cameras and lacks a viewfinder or accessory port. An OVF slots onto the hotshoe instead. The X2 has an accessory port for an OVF or EVF, while the X100S features Fuji's built-in hybrid viewfinder. The X2 has neither video recording nor live view.

# Verdict

**FUJI'S** strategy for the X100S was to keep the good features of the X100, make changes according to customer requests and to evolve the technologies. On this basis, the X100S is a firm success. The elegant looks of its X100 predecessor remain. Several handling issues have been addressed, so while the X100S looks the same as the X100, it is more responsive. The new camera is quicker in its autofocus, manual focusing, start-up and image processing. It works very well, and street photographers in particular will be pleased.

Image quality in the X100 is very good, but in the X100S it is better. With the same sensor as that used in the X-Pro1 and X-E1, the X100S resolves far more detail than its pixel count suggests. The camera may be more limited than interchangeable-lens cameras, but the wide conversion lens is a welcome high-quality addition, effectively becoming a second lens. If the 35mm focal length is a favourite, then the X100S is an excellent compact and stylish camera. In fact, it is less costly than proprietary versions of the 35mm f/1.4 lens, so it could just as well replace it in a kit bag.

Amateur Photographer  
Tested as an  
Advanced compact  
Rated Very good  
**86%**

	1	2	3	4	5	6	7	8	9	10
FEATURES	9/10									
BUILD/HANDLING	9/10									
NOISE/RESOLUTION	28/30									
DYNAMIC RANGE	8/10									
AWB/COLOUR	9/10									
METERING	7/10									
AUTOFOCUS	8/10									
LCD/VIEWFINDER	8/10									



# AP EVERYWHERE

## GET IT ON THE MOVE



Download it onto your iPad or via Kindle Fire, Barnes and Noble Nook HD, Zinio, Lekiosk or Pixel Mags Reader!



[www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)



# AskAP

Let the AP team answer your photographic queries



## USA YASHICA

**Q** In AP 19 January, Ivor Matanie explained the ways of recognising the various Yashica Electro 35 models in detail. However, the model I bought for my son from eBay doesn't seem to fit in with the model timeline noted in Ivor's article. Do you think it is a US model? It is fully working, produces well-exposed and sharp images, and has the following details: film speed dial

12-500, no plastic wind-on lever, black finish, regularly grained non-leather finish, the word 'Professional' appears on the lower front, Yashinon-DX lens (not Color-Yashinon-DX) and the flash shoe is not 'hot'.

The above photos are for reference and I would be interested to know if it is indeed a US model (as noted in the article), as well as determining the camera's age. **Richard Fletcher**

**A** Your black (rather than chrome) camera is one of the early (1966) Yashica Electro 35 Professional cameras mentioned on American websites (see [www.yashica-guy.com](http://www.yashica-guy.com)), but which I have never encountered in the UK. I strongly suspect that this model was marketed only in USA, but I do not know this for certain.

Other than the black finish, the Professional was identical to the chrome original model as marketed in UK. You have done well to find one, as they seem to be quite scarce, and even better to find one that works as it should. Well done.

**Ivor Matanie**

## ASK...

Be it about modern technology, vintage equipment, photographic science or help with technique, here at AP we have the team that can help you. Simply email your questions to: [apanswers@ipcmedia.com](mailto:apanswers@ipcmedia.com), via twitter @ap\_answers or by post to: **Ask AP, Amateur Photographer Magazine, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU.**

### PIXEL EQUIVALENT

**Q** As an elderly photographer still using 35mm film, could you tell me the 'pixel equivalent' of, say, Kodak Ektar 100 exposed in a Leica – or is that a meaningless question?

**David Carter**

**A** David, your question isn't meaningless – it's just impossible to answer. There are people who claim to know (the internet is awash with people who are adamant that 'film equals 8 million pixels, 10 million, 16 million pixels' or whatever other number they choose), but to me it's like asking how many oranges are equivalent to a bag of apples. Yes, they're both fruit, but you can't really measure one against the other.

The most common comparison (and the one I've swiped at above) is a straight pixel-count answer, where 'x' million pixels are claimed to be equal to a 35mm film frame. If you want to go down this route, you also need to determine the criteria you're looking at. If it's simply the same 'eye-balled' quality at a given print size, then Ektar 100 in a Leica will produce a great 8x12in print, and a good 12x16in one (assuming the highest-quality processing and printing). Some people would be happy to go bigger than this, others less keen, so immediately we have a subjective element entering the equation.

To create digital prints of an equivalent size at 300ppi (the 'photographic standard'), you'd need approximately 8.5 million pixels for an 8x12in (A4) print and around 17 million pixels to create a 12x16in (A3) print. That suggests that we're looking at 8.5–17 million pixels as the digital equivalent, but that's a significant range, and I've made A3 prints from 6-million-pixel cameras in the past that I've been more than happy with, which muddies the waters even further. The size of the pixels will also have an effect on image quality, as will the processing parameters and the lens used on the camera. So the best answer is perhaps that it depends on the digital camera, lens and

## FROM THE AP FORUM

### File recovery

**surf\_digby asks** Is it possible to recover deleted files from a memory card that even the camera thinks needs formatting before anything can be done with it? If so, is there any particular bit of software you'd recommend over others?

**PeteRob replies** A deleted image (any file) can be recovered under some circumstances because deletion simply marks all the



# AP GLOSSARY PLUG-INS

In terms of computer software (and, in this context, image-editing software), a plug-in is an optional program, feature or process that expands the capabilities of another 'bigger' program's capabilities. As the name suggests, it 'plugs in' to the original program, so you don't have to upgrade to a new version of the full program, re-install the original software or invest in additional programs to clutter your hard drive. Instead, you just install the plug-in (usually to your editing program's dedicated plug-ins folder) and it will subsequently appear as a new menu option in the main program, allowing you to access the plug-in's features as readily as you

might choose Save or Print.

Perhaps the most common plug-ins are those designed for Adobe's products (Photoshop, Lightroom and Elements), but other software also allows you to use dedicated plug-ins and there are hundreds available for you to choose from, at a wide range of prices.

Generally, they fall into two categories: technical and creative. Technical plug-ins will help you with specific tasks such as HDR, noise reduction, distortion control, sharpening or resizing, for example, while the creative options tend to provide you with the ability to filter, colour or otherwise manipulate your images in a more 'artistic' fashion.

(digital) processing – simply counting pixels isn't going to be accurate enough.

Of course, you may think that an alternative option is to base the answer on a specific line pairs per millimetre measurement – that 'absolute' figure that gives us the resolving power of a lens and film. But that's only going to tell us how many line pairs are resolved by a Leica using Ektar 100 film: it won't work on a sensor.

I'm certain there will be people writing in to tell me I'm wrong, and they have a scientific (or pseudo-scientific) method of determining a 'correct' pixel equivalent, but I don't believe it's possible (or at least credible). There are simply too many differences between the two technologies, and too many variables – especially in sensor specifications – to come up with a single number. **Chris Gatcum**

storage allocated to it available for re-use. So, if you recover it before the storage is used for something else, then you are OK. If some of the storage locations cannot be 'read' at all, then that is a problem. The recovered file will have bits missing, and while it may be possible to make sense of, say, a Word document, if the file is exclusively binary then filling in missing sectors is much more difficult.

**Bob Maddison replies** The best thing is to try almost any recovery program and see what happens, but beware of so called 'free' recovery programs that tell you which files are recoverable but only let you recover them when you have paid a fee.

Two absolute don'ts: don't format the card and don't attempt to write anything to the card until you have recovered everything practicable. It

## ALTERNATIVE SUGGESTION

In AP 2 February, Andre Badziak asked about removing the heavy canvas-like paper texture that was degrading scans he had made from old prints. AP reader **Malcolm Peaker** has this handy suggestion.

'There is a much easier alternative to the method Chris Gatcum suggested for removing the texture of the paper from scanned old prints,' says Malcolm. 'When searching for a method to decrease the "grain" or "dye cloud" in scans of transparencies, I discovered Neat Image noise-reducing software ([www.neatimage.com](http://www.neatimage.com)). Not only does it do what I wanted, but it also removes (or reduces) the texture from print scans. I have the plug-in for Apple Aperture, but plug-ins for Photoshop and standalone programs are also available for this very effective bit of software.'

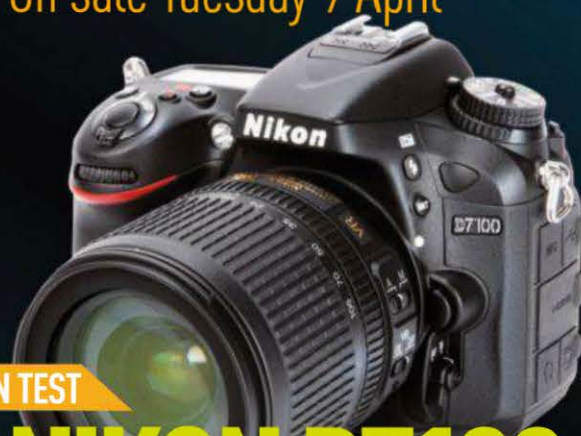
might help if you 'lock' the card if possible (most SD cards, and some other types of card, have a tiny switch on the side) before you attempt any recovery. This will hopefully prevent you from overwriting your files accidentally.

**willie45 replies** It may be too late to be of any help, but I used CardRescue ([www.cardrescue.com](http://www.cardrescue.com)) on a card that the camera told me needed to be formatted. I reckon I could have got one an awful lot cheaper, but it did work and recovered every file that had been 'lost'.

**IvorETower replies** I have used the free utility that used to come with SanDisk Extreme cards twice in the past to recover images from cards that went bad on me. Not quite 100% success (possibly due to bad segments on the card), but impressive and fairly quick, nonetheless.

CONTENT FOR NEXT WEEK'S ISSUE MAY BE SUBJECT TO CHANGE

# In next week's AP On sale Tuesday 9 April



ON TEST

## NIKON D7100

With its 24.1-million-pixel sensor, no optical low-pass filter and weather-sealed magnesium-alloy body, we find out how the **D7100** performs



© KEVIN MAWNEY

SONY AWARDS

## WINNERS GALORE

We take a look at the **Open Category** winners of the Sony World Photography Awards 2013

TECHNIQUE

## MASTERCLASS

Expert Tom Mackie explains how to create **pan-stitch** images in the Peak District



© GILL MELLING

ON TEST

## PENTAX MX-1

We put Pentax's first enthusiast compact camera to the test



TESTBENCH

## SIX OF THE BEST

We look at six of the best **shooting apps** available for iOS and Android





# SRS Microsystems

www.srsmicrosystems.co.uk

Mail Order Hot Line 01923 226602

90-92 THE PARADE, HIGH STREET, WATFORD, HERTS. WD17 1AW

**WANT TO UPGRADE?**  
We buy digital SLR lenses & cameras!  
Call us for a price today

We now have all our second hand equipment on our website

Independent Retailer of the Year winner at this year's Pixel Trade Awards

## PENTAX

# K-5 II

# K-5 II s

From £729



## PENTAX

DA\* 16-50/2.8 ED SDM £695  
DA\* 50-135/2.8 ED SDM £789  
DA\* 55/1.4 ED SDM £575  
DA\* 60-250/4 ED SDM £1059  
DA\* 200/2.8 ED SDM £749  
DA\* 300/4 ED SDM £885  
10-17/3.5-4.5 Fisheye £429  
12-24/4 ED Lens £739  
13/4 ED Limited £569  
17-70/4 ED SDM £569  
18-55/3.5-5.6 WR £99  
18-135/3.5-5.6 ED DC WR £419  
NEW 18-270/3.5-6.3 ED SDM £419  
21/2.4 Limited £139  
35/2.4 Macro Limited £349  
40/2.8 Macro £139  
50/1.8 £399  
50/2.8 Macro £405  
50-200/F4.5-6 ED WR £129  
55-300/4.5-8 ED £269  
100/2.8 WR Macro £449  
FA 31/1.8 Limited £1049  
FA 35/2 £399  
FA 43/1.9 Limited £599  
FA 50/1.4 £399  
FA 77/1.8 Limited £829

## Canon

5D Mark III Body £2299  
70 Body £1059  
70 + 18-55mm IS USM Lens £1499  
70 + 18-135mm IS USM Lens £1249  
60D Body £619  
60D + 18-55mm IS USM Lens £829  
650D Body £529  
650D + 18-55mm IS Lens £569  
1100D Body £289  
1100D + 18-55mm IS Lens £359  
15-85mm IS USM Lens £499  
18-55mm IS Lens £189  
18-135mm IS USM Lens £229  
24-105mm IS USM Lens £699  
9-18mm F4.5-6.3 Lens £465  
12mm F2 Black Limited Lens £899  
12mm F2 Lens £539  
15mm F8 Body Cap Lens £69  
17mm F1.8 Lens £399  
12-50mm F3.5-5.3 Lens £279  
14-150mm F4.5-6.3 Lens £349  
14-42mm F3.5-5.6 Lens £129  
40-150mm F4.5-6.3 MSC Lens £189  
45mm F1.8 Lens £209  
60mm F2.8 Macro Lens £399  
75mm F1.8 Lens £639  
NEW 75-300mm F4.8-6.7 II Lens £449

## SIGMA

8-16/4.5-5.6 DC HSM £549  
10-20/4.5-5.6 EX DC HSM £399  
10-20/3.5 EX DC HSM £459  
105/2.8 EX Macro DG HSM OS £549  
120-400/4.5-5.6 APO OS £699  
12-24/4.5-5.6 II DG HSM £679  
120-300/2.8 EX DG OS HSM £2049  
150-500/5.6-6.3 APO DG OS £799  
17-50/2.8 EX DC OS HSM £559  
17-70/2.8-4.5 DC OS £349  
18-50/2.8-4.5 DC OS HSM £479  
18-125/3.5-5.6 DC OS £259  
18-250/3.5-6.3 DC HSM OS £399  
18-50/2.8 EX DG Macro £309  
24-70/2.8 IF EX DG HSM £599  
30/1.4 EX DC £379  
4.5/2.8 EX HSM Circular Fisheye £597  
50-150/2.8 EX DC Mk2 £565  
50-500/4.5-6.3 DG HSM OS £1249  
50/1.4 EX DG HSM £379  
50/2.8 Macro DG £269  
50-200/4.5-6.3 DC OS HSM £235  
70-200/2.8 EX APO DG OS £599  
70-200/2.8 EX DG OS HSM £899  
70-300/4.5-6.3 APO DG Macro £179  
70-300/4.5-6.3 Macro Super DG £129  
70-300/4.5-6.3 DG OS £299  
70/2.8 EX Macro DG £369  
85-1.4 EX DG HSM £699  
18-50 DG ST Flash £159  
EF 610 DG SUPER Flash £229

## OLYMPUS



with 32gb Card and Billingham Case £399

## Panasonic

7-14mm F4 £840  
25mm F1.4 Leica DG £430  
NEW 12-35mm F2.8 X Vario OIS £819  
14-42mm F3.5-5.6 OIS £149  
14-42mm F3.5-5.6 X Vario PZ OIS £289  
14-140mm F4.5-6.0 OIS £919  
20mm F1.7 £270  
NEW 35-100mm F2.8 X Vario OIS £840  
45-175mm F4.5-6.3 X Vario PZ OIS £320  
45mm F2.8 Leica DG OIS £340  
45-200mm F4.5-6.0 OIS £429  
100-300mm F4.5-6.0 OIS £429



From £379

## OLYMPUS E-PL5



From £479



£189  
£289

## OLYMPUS OM-D

IN STOCK



E&OE



IN STOCK



IN STOCK

## Nikon

10-24/3.5-4.5 AF-S DX £659  
105/2.8G AF-S VR Macro £639  
12-24/4 AF-D DX £849  
14-24/2.8 £1319  
16-35/4G VR AF-S £859  
16-85/3.5-5.6 VR AF-S DX £469  
17-55/2.8 IF ED AF-S DX £1099  
18-105/3.5-5.6G AF-S VR £159  
18-200/3.5-5.6 VR II AF-S DX £599  
NEW 18-300/3.5-5.6 VR AF-S DX £799  
18-55/3.5-5.6G AF-S VR £119  
24/1.4G AF-S ED £1549  
24-70/2.8G AF-S ED £1229  
NEW 24-85/3.5-4.5G AF-S VR £429  
24-120/4G AF-S VR IF £859  
28-300/3.5-5.6G ED VR AF-S £729  
35/1.4G AF-S £1399  
35/1.8G AF-S £115  
40/2.8G Micro AF-S DX £165  
50/1.4G AF-S £309  
50/1.8 £174  
50/1.8G AF-S £115  
55-200/4.5-5.6G AF-S DX VR £369  
55-300/4.5-5.6G ED VR AF-S DX £325  
60/2.8 AF-S Micro £399  
70-200/2.8G ED VR II AF-S £1469  
70-300/4.5-5.6G AF-S VR £419  
85/1.8G AF-S £379  
85/3.5G ED VR AF-S DX Micro £429  
SB 700 Flash £235  
SB 910 Flash £339



From £279



From £469



From £1199

## Ace CAMERAS

# Used Specials

# 01225 466975

16 Green Street, Bath, BA1 2JZ



Mint condition  
Only £749



Ex++ condition  
Only £1299



Ex++ condition  
Only £599



Mint condition  
Only £449



Mint condition  
Only £729



Ex++ condition  
Only £1149

## FILM CAMERAS

**LEICA**  
R4 Mint £199  
R9 inc. DMR & 35-70mm F4 Ex++ £3299  
**MINOLTA**  
16 (Sub-Miniature) Mint £99  
**NIKON**  
FE2 Body Ex++ £149  
F3 Ex++ £129  
F6 Body Mint Commission Sale £799  
**PENTAX**  
KX Mint £89  
Auto Bellows M Ex++ £79

## RANGEFINDERS

**LEICA**  
M2 & 50mm f2.8 Ex- £649  
M4 Ex++ £799  
M4-2 Ex++ £849  
Leica I & 50mm f3.5 Elmar Ex++ £1299  
Leica I F Red Dial Mint £419  
Leica III G & 50mm f2 Ex++ £1149  
Leica III G & 5cm f2.8 Ex++ £899  
Leica III G Ex++ £749

## DIGITAL CAMERAS

**CANON**  
EOS 1DS Mk.II Body Ex++ £749  
EOS 1D Mk.II Body Ex++ £699  
EOS 1D Mk.II Body Ex++ £599  
500D inc. 18-55mm IS & BG-S Ex++ £329  
**LEICA**  
X1 Mint £749

**NIKON**  
D300 inc. 18-200mm VR Mint £699  
**PANASONIC**  
DMC-TZ7 Mint £99

## LENSES

**CANON - FD, EF & EF-S**  
70-200mm f2.8 IS Mint £1149  
70-200mm f4L IS Mint £729  
75-300mm f4.5-5.6 III Ex- £129  
70-300mm f4.5-5.6 IS Mint £329  
70-300mm f4.5-5.6 DO Ex++ £699  
70-300mm f4.5-5.6 DO Mint £649  
100mm f2.8 IS Macro Mint £599  
100-400mm f4.5-5.6 IS Mint £999  
400mm f5.6L Mint £729  
EF Extender 2x Mk.2 Mint £249  
Sigma 10-20mm f3.5-5.6 Mint £299

**NIKON - AF, AI, AIS**  
17-35mm f2.8 D Mint Commission Sale £799  
18mm f2.8 D Mint £749  
18-35mm f3.5-4.5 D ED Mint £349  
20-35mm f2.8D Ex++ £599  
80-200mm f2.8D Ex++ £529  
80-400mm f4.5-5.6 AFD-VR Ex++ £949  
180mm f2.8 AIS Mint Commission Sale £669  
Sigma 150mm f2.8 Macro Mint £449  
Tamron 28-200 f3.8-5.6 Mint £59

**OLYMPUS - OM, 1/3, M4/3**  
24mm f3.5 OM Shift Mint £1349  
28-48mm f4 OM Ex++ £99  
28-48mm f4 OM Mint £129  
50mm f1.4 OM Ex++ £79  
85-250mm f5 OM Ex++ £125  
2x A Converter OM Ex++ £69  
Tokina 70-210 f4.5 Ex++ £49  
Tamron 80-210 f3.8-4 Ex- £29

## PENTAX

M 28mm f2.8 Mint £49  
M42 50mm f1.4 Ex++ £89  
Tamron 90mm f2.5 Mac Adaptall Ex++ £89

**PANASONIC - M4/3**  
VW-LW4307M Wide Lens Conv. Mint £49

## MEDIUM FORMAT

Bronica 250mm f5.6 SQ Ex++ £149  
Bronica 50mm f2.8 ETR Ex++ £189  
Mamiya 645 120 Insert Mint £25

## FLASHGUNS

Canon 550EX Ex++ £199  
Leica SF240 Ex- £169  
Metz 36 AF 40 Ex++ £49  
Sunpak PF30X Mint £39  
Nikon SB17 Ex- £29  
Nikon SB22S Ex++ £39  
Olympus T20 Ex++ £19  
Olympus T32 Ex++ £59

## Misc

Iloca Stereogram Ex++ £299  
Lordomat SLE Ex- £120  
Tessina Ex++ £399

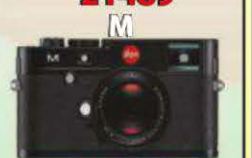
# Leica

Premier Dealer

## V-LUX 4



£690



£1489



£5100  
Demo Now In-Store

Follow us on  
facebook

See our website for full used listings & all the top brands of cameras, lenses, optics & more...  
Part exchange welcome, please call for an estimate

# www.acecameras.co.uk

24 hour despatch • Open Mon - Sat: 08:45 - 18:00 • Online 24/7 • Prices & details correct at time of print & include VAT + E&OE



## Digital Photography

CANON EOS 10S MK III COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £1,995.00
CANON EOS 10S BODY COMPLETE WITH 3 BATT'S ETC	.....EXC+++ £495.00
CANON EOS 50 BODY COMPLETE WITH ALL ACCESSORIES	.....EXC++ BOXED £475.00
CANON EOS 50D BODY COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £398.00
CANON EOS 50D BODY COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £225.00
CANON EOS 200 BODY COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £188.00
CANON EOS 4000 + GRIP WITH MC-AD BATT + CHGR	.....EXC+++ £175.00
CANON EOS 4500 BODY COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £195.00
CANON EOS 4500/REBEL + CAN 35-80 LENS + ACCESS	.....MINT-BOXED £225.00
CANON 420 EX SPEEDLITE	.....MINT-CASED £95.00
CANON 580 EX SPEEDLITE	.....MINT-BOXED £225.00
CANON BG-E1 BATT GRIP FOR EOS 300	.....MINT-BOXED £35.00
CANON BG-E2 GRIP FOR EOS 20/30/40	.....MINT-BOXED £45.00
CANON BG-E3 BATT GRIP FOR EOS 350/400	.....MINT-BOXED £30.00
CANON BG-E9 BATT GRIP FOR CANON EOS 600	.....MINT-BOXED £108.00
FLUJ FINEPIX X10 COMPLETE WITH LEATHER ETC	.....MINT-BOXED £265.00
FLUJ HS 20 EXR 16MP WITH 24 - 720mm ZOOM	.....MINT- £169.00
NIKON D700 BODY COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £1,275.00
NIKON D800 BODY COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £1,498.00
NIKON D800 BODY KIT COMPLETE + ALL ACCESSORIES	.....EXC++ BOXED £465.00
NIKON D800 BODY KIT COMPLETE WITH ALL ACCESS	.....MINT-BOXED £225.00
NIKON D800 BODY KIT COMPLETE WITH NIK 18-55 AF-S	.....MINT-BOXED £195.00
NIKON D100 BODY + NIKON MB-D100 GRP + ACCESS	.....MINT- £145.00
NIKON D90 BODY COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £375.00
NIKON D90 BODY COMPLETE WITH NIKON 18-135 VR LENS	.....MINT-BOXED £375.00
NIKON D90 BODY COMPLETE WITH ALL ACCESSORIES	.....MINT-BOXED £225.00
NIKON D70S BODY KIT COMPLETE WITH A SPARE BATTERY	.....MINT £198.00
NIKON D50 BODY KIT WITH CHARGER ETC	.....MINT BOXED £145.00
NIKON MB-D101 GRIP FOR NIKON D7000/D3000	.....MINT - BOXED £145.00
NIKON MB-D11 GRIP FOR NIKON D7000	.....MINT BOXED £188.00
NIKON D7000 FTI GENERIC GRIP	.....MINT £35.00
NIKON SB800 SPEEDLIGHT COMP WITH ALL ACCESS	.....MINT BOXED £225.00
NIKON SB800 SPEEDLIGHT	.....MINT BOXED £398.00
NIKON SB800 DX SPEEDLIGHT COMPLETE	.....MINT-BOXED £398.00
NIKON SB800 DX SPEEDLIGHT WITH MANUAL	.....MINT-BOXED £125.00
NIKON ONE RIGHT ANGLE FINDER	.....MINT CASED £75.00
SIGMA EF-50M DE ST ELECTRONIC FLASH HII NIKON FIT	.....MINT BOXED £75.00
NIKON MC 36 REMOTE CONTROL	.....MINT- £98.00
SIGMA 10-20mm f4.5/6.3 DC EX HSM FOR OLYMPUS 4/3rds	.....MINT+HOOD £288.00
OLYMPUS HLD-5 BATTERY GRIP FOR E620 BODY	.....MINT £45.00
OLYMPUS 14 - 45mm f3.5/5.6 ZUKO DIGITAL 4/3rds LENS	.....MINT+HOOD £98.00
OLYMPUS 14 - 42mm f3.5/5.6 MK II "P" MSC MICRO 4/3rds	.....MINT+HOOD £165.00
PENTAX 18 - 55mm f3.5/5.6 AL WEATHER RESISTANT	.....MINT BOXED £98.00
PANASONIC G3 LTD EDITION 2012 2 LENS KIT 14-4 & 45-200	.....MINT BOXED AS NEW £379.00

## Canon Autofocus, Digital Lenses, Canon FD

CANON EOS 1NRS BODY	.....MINT- £365.00
CANON EOS 1NRS	.....MINT-BOXED £265.00
CANON EOS 1 BODY	.....EXC+++ £145.00
CANON EOS 3 BODY	.....EXC+++ £145.00
CANON EOS 5 BODY	.....EXC+++ £145.00
CANON 24 - 105mm f4 USM "L" IMAGE STABILIZER	.....MINT CASED £995.00
CANON 24 - 105mm f4 USM "L" IMAGE STABILIZER MINT BOXED AS NEW £745.00	.....MINT CASED £995.00
CANON 70 - 200mm f2.8 USM "L" IMAGE STABILIZER	.....MINT BOXED £1,095.00
CANON 70 - 200mm f2.8 USM "L" IMAGE STABILIZER	.....MINT BOXED £995.00
CANON 70 - 200mm f2.8 USM "L" IMAGE STABILIZER	.....EXC++ CASED £995.00
CANON 70 - 200mm f4.5 USM IMAGE STAR DO LENS	.....MINT BOXED £675.00
CANON TS-E 24mm f3.5 TILT AND SHIFT + CASE "L"	.....MINT BOXED £475.00
CANON 180mm f3.5 USM "L" MACRO LENS	.....MINT BOXED £995.00
CANON 300mm f4 USM "L" MACRO LENS	.....MINT CASED £875.00
CANON 300mm f4 USM "L" IMAGE STABILIZER	.....MINT BOXED £475.00
CANON 500mm f4 USM "L" IMAGE STABILIZER MK1	.....MINT-CASED £4,995.00
CANON 28mm f1.8 USM COMPLETE WITH HOOD	.....MINT BOXED AS NEW £325.00
CANON 35mm f2 COMPLETE WITH HOOD	.....MINT BOXED AS NEW £188.00
CANON 10 - 22mm EPS f3.5/4.5 USM	.....MINT BOXED £485.00
CANON 17 - 85mm f4.5 USM IMAGE STABILIZER	.....MINT £198.00
CANON 18 - 55mm f3.5/5.6 IS MK II IMAGE STABILIZER	.....MINT £98.00
CANON 18 - 135mm f3.5/5.6 EPS IMAGE STABILIZER	.....MINT+HOOD £245.00
CANON 20 - 35mm f3.5/4.5 USM	.....MINT £175.00
CANON 35 - 80mm f4.5/5.6 EF MKII	.....MINT £98.00
CANON 35 - 105mm f3.5/4.5 EF ZOOM	.....MINT + HOOD + FILTER £398.00
CANON 70 - 300mm f4.5 USM IMAGE STAR DO LENS	.....MINT BOXED £675.00
CANON 70 - 300mm f4.5 USM IMAGE STABILIZER	.....MINT BOXED £270.00
CANON 70 - 300mm f4.5 USM IMAGE STABILIZER	.....MINT £268.00
CANON 75 - 300mm f4.5/5.6 + HOOD	.....MINT £98.00
CANON 75 - 300mm f4.5/5.6 USM MK II WITH HOOD	.....MINT £110.00
CANON 75 - 300mm f4.5/5.6 MK III	.....MINT BOXED £115.00
CANON 75 - 300mm f4.5/5.6 USM MK III (LATEST)	.....MINT BOXED AS NEW £165.00
CANON 75 - 300mm f4.5/5.6 USM MK III (LATEST)	.....MINT £148.00
CANON 52mm CLOSE UP LENS TYPE 2500	.....MINT BOXED £35.00
CANON 77mm CLOSE UP LENS TYPE 5000	.....MINT BOXED £35.00
CANON EF 1.4X EXTENDER	.....MINT- £198.00
CANON EF 2X EXTENDER MK II	.....MINT BOXED £295.00
CANON EF 2X EXTENDER MK II	.....MINT CASED £265.00
JESSOPS 2X CONVERTER FOR CANON	.....MINT £65.00
CANON 540 EX FLASH + INST	.....MINT BOXED £98.00
CANON 540 EX FLASH + INST	.....MINT CASED £75.00
CANON 420 EX FLASH	.....MINT CASED £45.00
CANON ANGLE FINDER B	.....MINT BOXED £78.00
CANON TC-90N3 REMOTE CONTROLLER	.....MINT-BOXED £78.00
CANON LC3 TRANSMITTER AND RECEIVER	.....MINT £115.00
CANON PB-E1 BOOSTER FOR EOS 1/3 etc	.....MINT- £68.00
SIGMA 20mm f1.8 EF DE ASPHERIC RF (LATEST)	.....MINT BOXED £295.00
SIGMA 20mm f1.8 EF DE ASPHERIC RF (LATEST)	.....MINT BOXED £295.00
SIGMA 20 - 40mm f2.8 EX ASPHERIC DE	.....MINT BOXED £245.00
SIGMA 24 - 70mm f2.8 EX DE MACRO + HOOD	.....MINT- £298.00
SIGMA 70 - 300mm f4.5/5.6 APO MACRO + HOOD	.....MINT BOXED £195.00
SIGMA 100 - 500mm f5.6/6.3 APO DG OPTICAL STABILISING	.....MINT CASED £595.00

TAMRON 28 - 200mm f3.5/4.5 V/F LD ASPHERICAL A/F	.....MINT £95.00
TOKINA 10 - 17mm f3.5/4.5 AT-X DX LENS (LATEST)	.....MINT £345.00
CANON F1 AE BODY 1984 LOS ANGELES OLYMPIC ED MINT BOXED NEW £1,095.00	.....MINT BOXED £275.00
CANON 17mm f4 FD	.....MINT £98.00
CANON AUTO BELLOWS	.....MINT £98.00

## Contax 'G' Compacts & SLR & Ricoh

CONTAX T2 TITANIUM CHAMPAGNE	.....MINT-BOXED £198.00
CONTAX 90mm f2.8 SONNAR "G"	.....MINT-BOXED £198.00
CONTAX TLA 140 FLASH FOR G1/G2	.....MINT CASED £55.00
CONTAX TLA 200 FLASH FOR G1/G2	.....MINT CASED £98.00
CONTAX TITANIUM FILTERS,HOODS,AND CAPS FOR G	.....PHONE IN STOCK
CONTAX TITANIUM COMPACT + LEATHER CASE	.....MINT CASED £398.00
CONTAX AX AFOTOOCUS BODY (RARE NOW)	.....MINT- £398.00
CONTAX ARIA BODY (STRAP INSTRUCTIONS)	.....EXC++ BOXED £198.00
CONTAX FIT YASHICA 28mm f2.8 SUPERB CONDITION	.....MINT £95.00
CONTAX 45mm f2.8 TESSAR T* PANCAKE LENS + HOOD	.....MINT £225.00
CONTAX 50mm f1.7 PLANAR AE	.....MINT £145.00
CONTAX 65mm f1.4 PLANAR MM	.....MINT £495.00
CONTAX TLA 280 FLASH	.....MINT £95.00
RICOH GR V DATE COMP + CASE & HOVA FILTER SET	.....MINT-BOXED £295.00

## Leica 'M', 'R' & Screw & Binoculars

LEICA M6 TTL BODY CHROME (VERY LITTLE USE)	.....MINT-BOXED £1,195.00
LEICA Mda BODY SER No 12659XX CIRCA 1970	.....MINT- £575.00
LEICA Mda BODY SER No 14111XX CIRCA 1975-76	.....EXC++ £475.00
LEICA M3 SINGLE WIND SER No 9922XX CIRCA 1960	.....EXC++ CASED £575.00
LEICA M3 SINGLE WIND SER No 9911XX CIRCA 1960	.....EXC++ CASED £598.00
LEICA IIG BODY WITH REALLY NICE CASE	.....EXC+++ CASED £698.00
LEICA II BODY SER No 1616XX C1945 NEEDS SERVICE	.....EXC++ £175.00
LEICA CL BODY (SERVICED IN REALLY NICE CONDITION)	.....MINT- £495.00
LEICA STANDARD CHROME WITH CASE	.....EXC+++ £298.00
LEICA 35mm f2.8 SUMMICRON ASPHERIC BLACK	.....MINT BOXED £1,598.00
LEICA 35mm f2.8 SUMMARON WITH SPECS & M HOOD	.....MINT- £575.00
LEICA 50mm f1.5 SUMMARIT M MOUNT WITH RARE HOOD	.....MINT- £495.00
LEICA 50mm f2 SUMMICRON BLACK LATEST NOT G BKT	.....MINT BOXED AS NEW £1,175.00
LEICA 50mm f2.8 ELMAR-BLACK (LATEST VERSION)	.....MINT CASED £98.00
LEICA 90mm f2 SUMMICRON CHROME M	.....MINT CASED £1,275.00
LEICA 90mm f2 SUMMICRON ASPHERICAL M 6 BITMINT BOXED AS NEW £1,995.00	.....EXC++ IN KEPPER £175.00
LEICA 90mm f4 COLL ELMAR M MOUNT	.....EXC++ £298.00
LEICA 135mm f4.5 Hektor + HOOD M MOUNT	.....EXC++ £298.00
LEICA 135mm f4.5 Hektor IN KEPPER	.....EXC+++ £198.00
LEICA 90mm f4 ELMAR CHROME SCREW	.....MINT IN KEPPER £198.00
LEICA 135mm f4.5 Hektor + HOOD SCREW	.....EXC++ £98.00
LEICA SP20 FLASH + CASE	.....MINT BOXED £98.00
LEICA SP20 FLASH	.....MINT £70.00
LEICA HANDGRIP FOR M6/M9 etc	.....EXC++ BOXED £145.00
LEICA EVER READY CASE FOR M6,M6TTL,M7,M9	.....MINT BOXED £125.00
LEICA RB BODY CHROME (REALLY NICE LOW USE)	.....MINT £475.00
LEICA RS BODY BLACK	.....EXC++ BOXED £298.00
LEICAPEX SL BODY CHROME	.....MINT BOXED £298.00
LEICA 50mm f2 SUMMICRON R ROM LENS LATEST	.....MINT BOXED £398.00
LEICA 50mm f2 SUMMICRON R 3 CAM	.....EXC++ £298.00
LEICA 180mm f4 ELMARIT R 3 CAM	.....EXC++ £345.00
LEICA 28 - 70mm f3.5/4.5 VARIO ELMAR ROM	.....MINT BOXED AS NEW £445.00
LEICA 70 - 210mm f4 VARIO ELMAR R	.....EXC++ £398.00
ANIEUXEUX 70 - 200mm f3.5 FOR LEICA R FIT	.....MINT BOXED £775.00
LEICA MOTORWINDER AND STRAP FOR R6 etc	.....MINT BOXED £145.00
LEICA ANGLE FINDER R (14300)	.....MINT BOXED £98.00
MINOX 10 x 25 BR COMPACT BINOCULARS + CASE	.....MINT £98.00
ZEISS 6x20 B MONOCULAR WITH CASE	.....MINT CASED £165.00
ZEISS DISAPCO 65 T* FL ANGLED, 15x45 E/P/ED.CASE	.....MINT+ACCESSORIES £1,275.00
SWAROVSKI 8 x 50 SLC "B" BINOCULARS WITH CASE	.....MINT BOXED £795.00

## Voigtlander Screw & Bayonet for Leica M etc

VOIGTLANDER BESSA R4a 21.25,28,35,50 FRAMES (RARE)	.....MINT BOXED £425.00
VOIGTLANDER BESSA R2 BODY OLIVE M MOUNT	.....MINT BOXED £275.00
VOIGTLANDER 35mm f1.7 ULTRON ASPHERIC	.....MINT- £395.00
VOIGTLANDER WINDER T	.....MINT BOXED £125.00
VOIGTLANDER BESSA SIDE GRIP	.....MINT BOXED £45.00
VOIGTLANDER BESSA WINDER / GRIP FOR T & R2	.....MINT- £115.00
VOIGTLANDER ANGLE FINDER + 15,21,25mm ADAPTORS	.....MINT BOXED AS NEW £195.00

## Medium & Large Format

BRONICA ETRSI BODY + 120 BACK,LENS & WLF	.....EXC+++ £195.00
BRONICA ETRSI COMPLETE WITH 75mm f11 - 120 BACK	.....MINT- £195.00
BRONICA RF 45mm f4.5 ZENZANON FOR 645 R/F + FINDER	.....MINT CASED £385.00
BRONICA 50mm f2.8 ZENZANON MACRO	.....EXC+++ £388.00
BRONICA 150mm f3.5 ZENZANON PE	.....MINT BOXED £158.00
BRONICA 150mm f3.5 ZENZANON E MC	.....MINT BOXED £118.00
BRONICA 150mm f3.5 ZENZANON E MC	.....MINT £98.00
BRONICA 150mm f4 E	.....MINT £98.00
BRONICA ETRSI 120 BACK	.....MINT £79.00
BRONICA ETRSI/ETRSI POLAROID BACK	.....MINT £98.00
BRONICA PLAIN PRISM FOR ETRSI/ETRSI	.....MINT CASED £98.00
BRONICA 50mm f3.5 ZENZANON S	.....EXC+++ £119.00
BRONICA 100mm f4 MACRO ZENZANON PE	.....MINT £245.00
BRONICA 150mm f3.5 ZENZANON S	.....MINT- £165.00
BRONICA SQA + 80mm f2.8 S, PRISM FOR BACK, GRIP	.....MINT-EXC+++ £395.00
BRONICA 65mm f4 ZENZANON PS FOR SQ	.....MINT-CASED £145.00
BRONICA 110mm f4 PS ZENZANON MACRO FOR SQ	.....MINT-CASED £265.00
BRONICA 150mm f4 PS ZENZANON FOR SQ	.....MINT CASED £145.00
BRONICA SQA 120 MACAZINE BACK	.....EXC++ £45.00
BRONICA SQA/AM POLAROID MAGAZINE BACK	.....MINT BOXED £98.00
BRONICA METERED CHIMNEY FINDER	.....EXC++ £75.00
BRONICA 135W BACK FOR SQ VERY RARE	.....EXC+++ £165.00
CONTAX MPB-2 POLAROID BACK FOR CONTAX 645	.....NEW £79.00
FLUJ GW 670 MK III C/W 90mm f3.5 LENS	.....MINT BOXED £675.00
MAMIYA 150mm f4.5 + HOOD FOR MAMIYA 7/7II	.....MINT £375.00
MAMIYA 65mm f4 SEKOR Z LENS FOR RZ + HOOD	.....MINT £198.00
MAMIYA 65mm f4 L LENS FOR RZ	.....MINT £398.00
MAMIYA 180mm f4.5 SEKOR Z W FOR RZ	.....MINT £198.00
MAMIYA 250mm f4.5 LENS FOR RZ	.....MINT £195.00
MAMIYA 150mm f3.5 A/F FOR 645 A/F	.....MINT £298.00
MAMIYA 210mm f4 SEKOR C FOR 645	.....MINT CASED £195.00
MAMIYA 180mm f4.5 SEKOR FOR R6	.....MINT £168.00
MAMIYA RZ 67 PRO BACK	.....MINT- £98.00

MAMIYA RZ 67 PRO II BACK	.....MINT- £79.00
MAMIYA RZ 67 POLAROID BACK	.....MINT- £75.00
MAMIYA 220 BACK FOR RZ 67	.....MINT- £95.00
PENTAX 55mm f3.5 TAKUMAR SMC FOR 6x7	.....MINT- £265.00
PENTAX 55mm f2.8 FOR PENTAX 645	.....MINT BOXED £199.00
PENTAX 200mm f4 FOR PENTAX 67 + FILTER AND HOOD	.....MINT- £225.00
PENTAX 150mm f3.5 FOR PENTAX 645	.....MINT BOXED £199.00
ROLLEIFLEX 6008 PRO + 80mm Hf LENS	.....MINT- £985.00
ROLLEIFLEX SCHNEIDER 150mm f4.6 MACRO FOR 6008	.....MINT- £575.00
YASHICAMAT 124E WITH CASE (GREAT CAMERA)	.....MINT- £195.00
YASHICAMAT YASHINON TELEPHOTO ADAPTORS	.....MINT-CASED £95.00
YASHICAMAT YASHINON WIDE ANGLE ADAPTORS	.....MINT-CASED £95.00

## Hasselblad

HASSELBLAD 503CX COMP WITH 80mm CF + A12 BACK	.....MINT- £995.00
HASSELBLAD 503 Cd BODY + WLF	.....MINT- £495.00
HASSELBLAD 500CM BODY WITH 80mm f2.8 T* + HOOD	.....MINT- £995.00
HASSELBLAD 90mm f4 FOR XPAN	.....MINT-IN KEPPER £365.00
HASSELBLAD 503 CX WITH 80mm CF + BACK + WLF	.....EXC++ £1,295.00
HASSELBLAD 500EL/M BODY + A12 BLACK BACK	.....EXC++ £299.00
HASSELBLAD 50mm f4 CF FLE DISTAGON + HOOD	.....MINT BOXED £999.00
HASSELBLAD 150mm f4.5 SONNAR + HOOD	.....MINT £499.00
HASSELBLAD 150mm f4 SONNAR CF	.....MINT £395.00
HASSELBLAD 150mm f4.5 SONNAR CF	.....EXC+++ £375.00
HASSELBLAD A12 BACK	.....EXC+++ £99.00
HASSELBLAD CW WINDER + REMOTE	.....MINT £299.00
HASSELBLAD PLAIN PRISM	.....EXC £75.00
HASSELBLAD PM PRISM	.....MINT £199.00
HASSELBLAD 500CM/503 WLF BACK	.....MINT £125.00
HASSELBLAD EXTENSION TUBE 16E F	.....MINT- £75.00

## Nikon Auto-Focus, Digital Lenses & Accessories

NIKON F6 BODY (LAST OF THE GREAT FILM CAMERAS)	MINT-BOXED £975.00
NIKON F5 BODY (REALLY NICE ONE)	MINT-BOXED £395.00
NIKON F5 BODY	EXC++ £325.00
NIKON F100 BODY	EXC++ £165.00
NIKON F80 BODY BLACK	MINT-BOXED £599.00
NIKON F60 BODY	MINT- £398.00
NIKON F55 BODY	MINT-BOXED £398.00
NIKON 10.5mm f2.8 "G" IF-ED A/F DE FSHYEY LENS	MINT BOXED £398.00
NIKON 20mm f2.8 A/F "D" + HOOD	MINT £275.00
NIKON 28mm f2.8 A/F	MINT £125.00
NIKON 28mm f2.8 A/F "D"	MINT £145.00
NIKON 35mm f2.8 A/F	MINT BOXED AS NEW £198.00
NIKON 35mm f2.8 PC MANUAL LATEST WITH BLACK KNOB	MINT+HOOD £499.00
NIKON 50mm f1.8 A/F	MINT- £75.00
NIKON 50mm f2.8 "G" IF-ED A/F-S MICRO-MIKKOR	MINT BOXED £345.00
NIKON 85mm f1.8 A/F "D" (NO HOOD)	MINT BOXED £219.00
NIKON 180mm f2.8 A/F D IF-ED LATEST LENS	MINT BOXED AS NEW £499.00
NIKON 300mm f4 "D" IF-ED A/F-S (CURRENT LENS)	MINT-BOXED £925.00
NIKON 12 - 24mm f4 "D" IF-ED A/F-S	MINT BOXED AS NEW £545.00
NIKON 16 - 85mm f3.5/5.6 "G" IF-ED A/F-S IMAGE STABIL	MINT BOXED £359.00
NIKON 17 - 55mm f2.8 f2.8 "G" IF-ED A/F-S + HOOD	MINT BOXED £745.00
NIKON 17 - 55mm f2.8 f2.8 "G" IF-ED A/F-S + HOOD	MINT CASED £999.00
NIKON 17 - 55mm f2.8 f2.8 "G" IF-ED A/F-S + HOOD	MINT-BOXED £945.00
NIKON 18 - 35mm f3.5/4.5 "G" IF-ED A/F	MINT-BOXED £368.00
NIKON 18 - 70mm f3.5/4.5 "G" DX IF ED A/F S-CASED	MINT + HOOD £1198.00
NIKON 18 - 105mm f3.5/5.6 "G" IF-ED A/F-S VIB REDUCTION	MINT (WHITE BOX) £169.00
NIKON 18 - 200mm f3.5/5.6 "G" IF ED DX A/F-S VIB REDUCT	MINT BOXED £299.00
NIKON 18 - 200mm f3.5/5.6 "G" IF ED DX A/F-S VIB RED MAXIMINT BOXED £475.00	MINT BOXED £175.00
NIKON 24 - 85mm f2.8 A/F "D" ASPHERICAL MACRO	MINT+HOOD £395.00
NIKON 24 - 85mm f3.5/4.5 "G" IF-ED A/F-S VIBR LATEST	MINT BOXED AS NEW £349.00
NIKON 24 - 85mm f3.5/4.5 "G" IF-ED A/F-S	MINT £225.00
NIKON 24 - 120mm f3.5/4.5 A/F "D" IF	MINT-BOXED £175.00
NIKON 24 - 120mm f3.5/4.5 "G" IF-ED A/F-S VIB RED	MINT £275.00
NIKON 24 - 85mm f4.5/5.6 A/F "D"	MINT BOXED £55.00
NIKON 55 - 200mm f4.5/5.6 "G" DX IF ED A/F-S	MINT £119.00
NIKON 55 - 200mm f4.5/5.6 "G" DX A/F-S VIBRATION REDUC	MINT BOXED £219.00
NIKON 70 - 300mm f4.5/5.6 A/F "D"	MINT £35.00
NIKON 80 - 400mm f4.5/5.6 A/F "D" VIBRATION REDUCTION	MINT BOXED £799.00
NIKON MB - 40 GRIP FOR NIKON F6	EXC++-BOXED £225.00
NIKON TC 17E AF-S TELECONVERTER	MINT BOXED £245.00
NIKON TC 20IE AF-S TELECONVERTER	MINT BOXED £199.00
TELEPLUS/IKENKO PRO 300 3D EXTENDER NIKON F6	MINT £45.00
NIKON FIT TR-PLUS EXT SUPER SET 12mm,20mm,36mm	MINT £45.00
NIKON 1.4x 3 REMOTE CONTROL SET	MINT CASED £165.00
SIGMA L-MX EX CONVERTER	MINT BOXED £125.00
NIKON D200 ACTION FINDER FOR NIKON F4/5E	MINT £195.00
SIGMA 50mm f2.8 EX DG MACRO	MINT BOXED £199.00
SIGMA 50mm f2.8 EX DG MACRO (LATEST VERSION)	MINT BOXED £209.00
SIGMA 105mm f2.8 EX DG MACRO LENS	MINT BOXED £375.00
SIGMA 150mm f2.8 EX DG HSM MACRO LENS	MINT CASED £325.00
SIGMA 180mm f5.6 ASPHERICAL A/F APO	MINT BOXED £175.00
SIGMA 24 - 70mm f3.5/5.6 ASPHERICAL A/F "D"	EXC++-BOXED £499.00





# wex

photographic  
warehouse express

Voted Best Online Retailer 2002-2012  
Best Specialist Retailer 2010-2012  
Good Service Award Winner 2008-2013

## PROFESSIONAL Dealer

**V2**  
Black or White

14.2 megapixels  
60.0 fps  
1080p movie mode



**V2** From **£679**

V2 + 10-30mm Lens **£679**  
V2 + 10-30mm + 30-110mm **£869**  
J2 + 10-30mm **£329.95**  
J2 + 10-30mm + 30-110mm **£429**  
**NEW!** S1 + 11-27.5mm **£479**  
**NEW!** S1 + 11-27.5mm + 30-110mm **£619**

**Nikon**  
**D3200**  
Black or Red

24.2 megapixels  
4.0 fps  
1080p movie mode



**D3200 Body** **£369**

D3200 + 18-55mm f3.5-5.6 G AF-S DX VR **£389 Inc Cashback\***  
Price you pay today £429  
D3200 + 18-55mm VR + 55-300mm **£663.05 Inc Cashback\***  
Price you pay today £703.05

**Nikon**  
**D5200**

24.1 megapixels  
5.0 fps  
1080p movie mode



**D5200 Body** **£599**

D5200 + 18-55mm f3.5-5.6 G AF-S DX VR **£649 Inc £50 Cashback\***  
Price you pay today £699  
D5100 From **£309 Inc £40 Cashback\***  
Price you pay today £349

**Nikon**  
**D600**

24.3 megapixels  
5.5 fps  
Full Frame CMOS Sensor



**D600** From **£1450**

D600 Body **£1300 Inc Cashback\***  
Price you pay today £1450  
D600 + 24-85mm f3.5-4.5 VR **£1673 Inc Cashback\***  
Price you pay today £1823

\*\*\*\*\* CUSTOMER PRODUCT REVIEWS \*\*\*\*\*  
There are currently over 7000 product reviews on our site - visit us today to read what our customers think of the products we sell!

CUSTOMER REVIEW: D600 Body  
\*\*\*\*\* 'Superb replacement for D700' AlphaMon - N.W. England

## I AM: A Thrill-Seeker The New Nikon D7100

+ Chance to WIN your dream Nikon lens worth up to £2000!

- 24.1 Megapixels
- 6 fps continuous shooting
- 1.3x crop function with 51 AF points
- Full HD 1080p Movie Recording
- ISO sensitivity of 100-6400, extendable to 25600

**NEW!** D7100 Body **£1099**  
**NEW!** D7100 + 18-105mm **£1299**

\*T&Cs apply. Entry into the prize draw is available to UK residents over the age of 18 who pre-order a D7100 from us before 30th April 2013. See [www.wexphotographic.com/winyourdreamlens](http://www.wexphotographic.com/winyourdreamlens) for details.

**NEW! D7100**

From **£1099**



**Nikon**  
**D800**

24.3 megapixels  
5.5 fps  
Full Frame CMOS Sensor



**D800** From **£1929**

D800 Body **£1929**  
D800E Body **£2349**

D7000 Body **£542 Inc £100 Cashback\***  
Price you pay today £642  
D7000 + 18-105mm VR **£689 Inc £100 Cashback\***  
Price you pay today £789

**Nikon**  
**D4**

16.2 megapixels  
11.0 fps  
Full Frame CMOS Sensor



**D4 Body** **£4249**

D4 Body **£4249**



**Nikon Capture NX2**  
System requirements: Windows 7, Vista, XP Professional, Home Edition or Mac OS X 10.4.11, 10.5.4. See web for more details **£132.95**  
Nikon Capture NX2 Upgrade **£84.99**

## SONY

**NEX-6** Black

16.1 megapixels  
10.0 fps



**NEX-6 Body** **£619**

NEX-6 + 16-50mm PZ **£729**  
NEX-6 + 16-50mm PZ + 55-210mm **£929**  
**NEW!** NEX-5R + 16-50mm PZ **£569**  
**NEW!** NEX-3N + 16-50mm PZ **£399**  
NEX-7 Body Black **£829**  
NEX-7 + 18-55mm Black **£939**

RECOMMENDED LENSES:  
Sony E 35mm f1.8 OSS **£379**  
Sony E 10-18mm f4.0 OSS **£719**

**A77**

24.3 megapixels  
12.0 fps  
1080p movie mode



**A77** From **£829**

A65 From **£649**  
A57 From **£489**  
A37 From **£299**  
RECOMMENDED LENSES:  
Sony 50mm f1.4 **£319**  
Sony 16-50mm f2.8 DT SSM **£549**  
Sony 16-105mm f3.5-5.6 **£479**

**A99**

24.3 megapixels  
6.0 fps  
Full Frame CMOS Sensor



**A99** From **£2199**

A99 Body Black **£2199**  
A99 Body + Battery Grip + 2 FREE Batteries\* worth **£136**  
**£2443**

\*T&Cs apply - See website for details

## Panasonic

**G5**

16.5 megapixels  
6.0 fps  
1080p movie mode



**G5** Body **£479**

G5 + 14-42mm **£499**  
G5 + 14-42mm PZ **£629**  
GF5 + 14-42mm **£374**  
GF5 + 14-42mm PZ **£459**  
GX1 + 14-42mm **£459**  
GX1 + 14-42mm PZ **£499**

**GH3**

16.05 megapixels  
20.0 fps  
1080p movie mode



**GH3** From **£1199**

GH3 Body Black **£1199**  
GH3 + 14-140mm **£1579**  
GH3 + 12-35mm **£2299**  
RECOMMENDED LENSES:  
12-35mm f2.8 Vario Power OIS **£849**  
35-100mm f2.8 Vario Power OIS **£949**

## OLYMPUS

**OM-D E-M5**

Silver or Black

16.1 megapixels  
9.0 fps  
1080p movie mode



**OM-D E-M5** From **£979**

OM-D E-M5 Body **£979**  
OM-D E-M5 + 12-50mm **£1138.49**  
RECOMMENDED LENSES:  
Olympus 12mm f2.0 ED Limited Edition **£899**  
Olympus 17mm f1.8 **£399**  
Olympus 75mm f1.8 PW EZ **£639**  
Olympus 45mm f1.8 **£218**

**E-PL5**

Silver, Black or White

16.1 megapixels  
8.0 fps



**E-PL5** From **£579**

E-PL5 + 14-42mm **£579**  
E-PL5 + 14-42mm + 40-150mm **£699**  
E-PM2 + 14-42mm **£475**  
E-PM2 + 14-42mm + 40-150mm **£639**

**PENTAX**

**K-5 II**

16.3 megapixels  
7.0 fps  
1080p movie mode



**K-5 II** Body **£729**

K-5 II + 18-55mm WR **£799**  
K-5 II + 18-135mm WR **£1059**  
K-5 IIs Body **£859**  
K-30 Body **£459**  
K-30 18-55mm WR **£529**  
K-30 18-135mm WR **£769**

## FUJIFILM

**X-Pro1** Black

16.3 megapixels  
6.0 fps  
1080p movie mode



**X-Pro1** **£1059**

X-Pro1 Body **£1059**  
Purchase the X-Pro1 with 2 or more lenses from the Recommended X-Mount Lenses (shown right) and receive **up to £350 Cashback\***. Purchase the X-E1 with 2 or more lenses from the Recommended X-Mount Lenses and receive **up to £250 Cashback\***. See website for details. Cashback\* offer ends 30.04.13

**X-E1** Black or Silver

16.3 megapixels  
6.0 fps  
1080p movie mode



**X-E1** From **£629**

X-E1 Body **£629**  
X-E1 + 18-55mm **£929**  
RECOMMENDED X-MOUNT LENSES:  
Fujinon 14mm f2.8 R XF **£769**  
Fujinon 18mm f2.0 R **£429**  
Fujinon 35mm f1.4 R **£429**  
Fujinon 60mm f2.4 R **£469**  
Fujinon 18-55mm f2.8-4.0 OIS **£519**



# 01603 208761

Call us Mon-Fri 8am-7pm  
Visit [www.wexphotographic.com](http://www.wexphotographic.com)

## Canon

EOS 6D

Your entry into the full-frame world...

The EOS 6D Canon combines a powerful full-frame imaging system and superior low-light performance. Wi-Fi and GPS connectivity is also incorporated.

**NEW! 6D Body**  
**£1499 Inc Cashback\***  
Price you pay today £1599

**NEW! 6D + 24-105mm**  
**£2099 Inc Cashback\***  
Price you pay today £2199



**£100 CASHBACK\***

**NEW!**

20.2 megapixels  
4.5 fps  
1080p movie mode  
Full Frame CMOS sensor

Canon  
EOS M



18.0 megapixels  
4.3 fps  
1080p movie mode

**EOS M**

From **£529**

EOS M + 18-55mm IS STM **£529**  
EOS M + 22mm f2.0 + EF Adapter **£649**  
RECOMMENDED ACCESSORIES:  
Canon LP-E12 Battery **£49.99**

Canon  
EOS 600D



18.0 megapixels  
3.7 fps  
1080p movie mode

**600D**

From **£409**

600D Body **£409**  
600D + 18-55mm IS II **£489**  
600D + 18-135mm IS **£639**  
600D + 18-55mm II + 55-250mm f4.0-5.6 IS II **£675**

**NEW! 6D**

From **£1499 Inc Cashback\***

Canon  
EOS 650D



18.0 megapixels  
5.0 fps  
1080p movie mode

Canon  
EOS 60D



18.0 megapixels  
5.3 fps  
1080p movie mode

**£65 CASHBACK\***

**650D Body**

**£529**

**60D**

From **£609**

650D + 18-55mm f3.5-5.6 IS II **£579**  
650D + 18-55mm f3.5-5.6 IS II + 55-250mm IS II **£778**  
650D + 18-135mm IS STM **£789**

60D Body **£544 Inc Cashback\***  
Price you pay today £609  
60D + 18-55mm f3.5-5.6 IS II **£634 Inc Cashback\***  
Price you pay today £699  
60D + 18-135mm f3.5-5.6 IS **£734 Inc Cashback\***  
Price you pay today £799

Canon  
EOS 7D



18.0 megapixels  
8.0 fps  
1080p movie mode

**£80 CASHBACK\***

**7D**

From **£1069**

7D Body **£989 Inc Cashback\***  
Price you pay today £1069  
7D + 18-135mm f3.5-5.6 IS **£1199 Inc Cashback\***  
Price you pay today £1279  
7D + 15-85mm f3.5-5.6 IS USM **£1439 Inc Cashback\***  
Price you pay today £1519

Canon  
5D Mark III



22.3 megapixels  
6.0 fps  
1080p movie mode  
Full Frame CMOS sensor

**£160 CASHBACK\***

**5D Mark III**

From **£2335**

5D Mark III Body **£2175 Inc Cashback\***  
Price you pay today £2335  
5D Mark III + 24-105mm f4 L IS USM **£2815 Inc Cashback\***  
Price you pay today £2975  
5D Mark III + 24-70mm f2.8 L USM II **£3970 Inc Cashback\***  
Price you pay today £4130

CUSTOMER REVIEW: 650D + 18-55mm IS II  
★★★★★ 'Nice little DSLR - Big improvements' MTA - Watford

CUSTOMER REVIEW: EOS M + 18-55mm IS II  
★★★★★ 'Good thing in a small package' Goushtoub - Reading

CUSTOMER REVIEW: 600D + 18-55mm IS II  
★★★★★ 'The enthusiasts Digital SLR Camera' Camerabug - Norfolk

Canon Cashback\* offer ends 31.05.13

Memory Cards

SanDisk



Extreme Pro:  
95MB/s SDHC  
8GB .....£27  
16GB .....£39  
32GB .....£64  
64GB SDXC .....£124

SanDisk Extreme:  
60MB/s UDMA C/Flash  
4GB .....£24  
8GB .....£38  
16GB .....£64.95  
32GB .....£118

SanDisk Extreme Pro:  
90MB/s UDMA C/Flash  
16GB .....£99.99  
32GB .....£179.95  
64GB .....£319

Eye-Fi Card with Adapter  
4GB .....£39.95  
8GB .....£44.95

SanDisk ImageMate USB 3.0  
12-in-1 Reader  
White.....£34.95

SONY



Sony XQD™ Memory Card:  
125MB/s XQD  
16GB .....£109  
32GB .....£169

Sony XQD™ Readers:  
XQD Card USB 3.0 Reader **£49**  
XQD Express Card Adapter **£79**

Sony Experience Memory Card:  
UHS-I 30MB/s SDHC  
4GB .....£12  
8GB .....£18  
16GB .....£29  
32GB .....£49

Sony Expert Memory Card:  
UHS-I 94MB/s SDHC  
8GB .....£28  
16GB .....£42  
32GB .....£89  
64GB .....£129

wexblog

Scan this code with a reader on your Smartphone to read all the latest news, reviews and how-tos

Or visit <http://bit.ly/12181QI>

Flashguns & Macroflash

Canon Speedlites:



430EX II **£205**  
600EX-RT **£469.99**

Macrolites:



MR-14EX **£459**  
MT-24EX **£729.99**

Nikon Speedlites:



SB700 **£229**  
SB910 **£339**

Kits:



R1 Close-Up **£415**  
R1C1 **£559**

SONY Flashguns:



NEW! HVL-F60AM **£459**  
HVL-F43AM **£219**

OLYMPUS Flashguns:



FL-S0R **£499**  
FL-600R **£299**

NEWMAN Flashguns:



AF 540FGZ **£349.99**  
AF 360FGZ **£219.99**

Flashguns:



24 AF-1 **£54.95**  
44 AF-1 **£129**  
NEW! 52 AF-1 **£199**  
58 AF-2 **£249**

Macro flash:



15 MS-1 **£295.99**  
EF 610 DG ST **£119.99**

SIGMA Flashguns:



EF 610 DG Super **£159.99**

Macro Flash



EM-140 DG Macro Flash From **£314.99**

Nissin Flashguns:



MG8000 **£449**  
Di622 II **£114.99**  
Di866 Mk II **£199**

SUNPAK Flashguns:



PZ42X **£109.99**  
PF30X **£69.99**

Ringflash:



16R Pro **£337.99**

Traveller8 Softbox



Traveller8 Softbox **£54**

1/8 Speed Grid



1/8 Speed Grid **£25.99**

Baby Bounce Kit



Baby Bounce Kit **£21**

Strobist Filter Collection



Strobist Filter Collection **£8.99**

Micro Apollo



Micro Apollo **£25.99**

Collapsible Umbrella Flash Kit



Collapsible Umbrella Flash Kit **£65**

Flash Bender



Flash Bender From **£23.99**

80cm Light Tent



80cm Light Tent **£24.99**

5-in-1 110cm Reflector



5-in-1 110cm Reflector **£24.99**

PocketBox



PocketBox Flash Softbox Kit **£45**

PortABox



PortABox From **£22.99**

Folding Softbox



Folding Softbox From **£54.99**

Ezybox Softbox



Ezybox Softbox **£44.99**

Ezybox Hotshoe



Ezybox Hotshoe From **£89.99**

TriFlip Kits



TriFlip Kits From **£69.99**

TiltHead



TiltHead **£17.99**

**Terms and Conditions**  
All prices incl. VAT at 20%. Prices correct at time of going to press. FREE Delivery\*\* available on orders over £150 (based on a 4 day delivery service). For orders under £150 the charge is £2.99\*\* (based on a 4 day delivery service). For Next Working Day Delivery our charges are £4.99\*\*. Saturday deliveries are charged at a rate of £7.50\*\* (\*\*Deliveries of very heavy items, or to some European countries, N.I., remote areas of Scotland & Ch. Isles may be subject to extra charges.) E. & O.E. Prices subject to change. Goods subject to availability. Live Chat operates between 8am-7pm Mon-Fri and may not be available during peak periods. Wex Photographic is a trading name of Warehouse Express Limited. ©Warehouse Express 2013.

\*CASHBACKS Are redeemed via product registration with the manufacturer. Please refer to our website for details.

**Wex Showroom - Visit us today**  
• Touch, Try and Buy latest Cameras & Accessories  
• Over 13,000 products to choose from  
• Award winning specialists!  
Mon & Wed-Sat 10am-6pm, Tues 10am-5pm,  
Sun 10am-4pm Unit B, Frenbury Estate, Norwich, NR6 5DP.





# wex

photographic  
warehouse express

Voted Best Online Retailer 2002-2012  
Best Specialist Retailer 2010-2012  
Good Service Award Winner 2008-2013

## Digital SLR Lenses

Canon



**EF 40mm**  
f2.8 STM  
**£166**

Canon



**EF 35mm**  
f2.0  
IS USM  
**£699.95**

Canon



**EF 24-70mm**  
f2.8 L  
USM II  
**£1795**

Nikon



**NEW!**  
**AF-S 80-400mm**  
f4.5-5.6 ED VR  
**£2449**

Nikon



**18-300mm**  
f3.5-5.6 ED  
AF-S VR  
**£679**

Nikon



**28-300mm**  
f3.5-5.6 G ED  
AF-S VR  
**£639**

Sigma



**NEW!**  
**35mm**  
f1.4 DG HSM  
**£759**

## CANON LENSES

TS-E 17mm f4.0 L	£1866
EF 24mm f1.4 L II USM	£1245
EF 24mm f2.8 IS USM	£587
TS-E 24mm f3.5 L II	£1642
EF 28mm f1.8 USM	£369
EF 35mm f1.4 L USM	£1059
EF 35mm f2.0	£208
TS-E 45mm f2.8	£1099
EF 50mm f1.2 L USM	£1169
EF 50mm f1.4 USM	£279
EF-S 60mm f2.8 USM Macro	£349
MP-E 65mm f2.8 1-5x Macro	£799
EF 85mm f1.2 L II USM	£1649
EF 85mm f1.8 USM	£299
TS-E 90mm f2.8	£1099
EF 100mm f2.8 USM Macro	£422
EF 100mm f2.8 L IS USM Macro	

**£609 Inc £80 Cashback\***

Price you pay today £689

EF 135mm f2.0 L USM	£859
EF 180mm f3.5 L USM Macro	£1169
EF 200mm f2.8 L USM II	£599
EF 300mm f2.8 L IS USM II	£5145
EF 300mm f4.0 L IS USM	£1099
EF 400mm f5.6 L USM	£1058
EF 500mm f4.0 L IS USM II	£7765
EF 800mm f5.6 L IS USM	£9739
EF 8-15mm f4.0 L USM Fisheye	

**£904 Inc £155 Cashback\***

Price you pay today £1059

EF-S 10-22mm f3.5-4.5 USM	
<b>£539 Inc £80 Cashback*</b>	
Price you pay today £619	
EF-S 15-85mm f3.5-5.6 IS USM	£549
EF 16-35mm f2.8 L USM II	

**£939 Inc £160 Cashback\***

Price you pay today £1099

## EF 17-40mm f4.0 L USM

**£499 Inc £80 Cashback\***  
Price you pay today £579

EF-S 17-55mm f2.8 IS USM	£749
EF-S 17-85mm f4.0-5.6 IS USM	£334
EF-S 18-135mm f3.5-5.6 IS STM	£344
EF-S 18-200mm f3.5-5.6 IS	£389
EF 24-105mm f4.0 L IS USM	£822
EF 28-135mm f3.5-5.6 IS USM	£359
EF 28-300mm f3.5-5.6 L IS USM	£2095
EF-S 55-250mm f4.0-5.6 IS II	£199
EF 70-200mm f2.8 L IS USM II	

**£1564 Inc £235 Cashback\***

Price you pay today £1799

EF 70-200mm f4.0 L USM	£483
EF 70-300mm f4.0-5.6 L IS USM	£369
EF 70-300mm f4.0-5.6 L IS USM	£1129
EF 75-300mm f4.0-5.6 USM III	£219
EF 100-400mm f4.5-5.6 L IS USM	£1189

## NIKON LENSES

10.5mm f2.8 G IF-ED AF DX Fisheye	£549
14mm f2.8 D AF ED	£1239
16mm f2.8 D AF Fisheye	£619
20mm f2.8 D AF	£463
24mm f1.4 G AF-S ED	£1489
24mm f2.8 D AF	£369
24mm f3.5 D ED PC-E	£1465
<b>NEW!</b> 28mm f1.8 G AF-S	£505
28mm f2.8 D AF	£245
35mm f1.8 G AF-S DX	£150
35mm f2.0 D AF	£254.89
45mm f2.8 D PC-E ED Micro	£1393
50mm f1.4 G AF-S	£278
50mm f1.4 D AF	£244
50mm f1.8 G AF-S	£155
60mm f2.8 G AF-S ED Micro	£404
85mm f1.4 D AF	£949

85mm f1.4 G AF-S	£1189
85mm f1.8 D AF	£299
85mm f2.8 D PC-E Micros	£1339
85mm f3.5 G ED AF-S VR DX Micro	£375
105mm f2.8 G AF-S VR IF ED Micro	£629
135mm f2.0 D AF DC	£1029
180mm f2.8 D AF IF-ED	£695
200mm f4.0 AF Micro	£1179
300mm f4.0 D AF-S IF ED	£1029
10-24mm f3.5-4.5 G AF-S DX	£639
12-24mm f4.0 G ED AF-S IF DX	£839
14-24mm f2.8 G ED AF-S	£1315
16-35mm f4.0 G ED AF-S VR	£829
16-85mm f3.5-5.6 G ED AF-S DX VR	£439
17-55mm f2.8 G ED DX AF-S IF	£1049
18-35mm f3.5-4.5 D IF ED AF	£475
18-105mm f3.5-5.6 G ED AF-S DX VR	£204
18-200mm f3.5-5.6 G ED AF-S DX VR II	£584
24-70mm f2.8 G ED AF-S	£1239
24-85mm f2.8-4.0 D AF	£549
55-200mm f4.5-5.6 G ED AF-S DX VR IF	£241
55-300mm f4.5-5.6 G AF-S DX VR	£279
70-200mm f2.8 G ED AF-S VR II	£1605
70-300mm f4.5-5.6 G ED AF-S IF VR	£399
80-400mm f4.5-5.6 D AF VR	£1099

## SIGMA LENSES

30mm f1.4 EX DC	£299
50mm f2.8 EX DG Macro	£269
50mm f1.4 EX DG HSM	£359
70mm f2.8 EX DG Macro	£369
85mm f1.4 EX DG HSM	£669
105mm f2.8 APO EX DG OS HSM Macro	£549
150mm f2.8 EX DG OS HSM Macro	£699
300mm f2.8 EX D	£2279
8-16mm f4.5-5.6 DC HSM	£549
10-20mm f4.0-5.6 EX DC HSM	£369
10-20mm f3.5 EX DC HSM	£459

**with 3 Year Warranty**

12-24mm f4.5-5.6 EX DG HSM II	£649
<b>NEW!</b> 17-70mm f2.8-4.0 DC OS HSM	£449
18-200mm f3.5-6.3 DC OS HSM II	£259
18-250mm f3.5-6.3 DC OS HSM	£306
18-250mm f3.5-6.3 DC Macro OS HSM	£399
24-70mm f2.8 IF EX DG HSM	£599
50-150mm f2.8 EX DC APO OS HSM	£799
50-200mm f4.0-5.6 DC OS HSM	£119
50-500mm f5.0-6.3 DG OS HSM	£999
70-200mm f2.8 EX DG OS HSM	£899
70-300mm f4.0-5.6 APO Macro Super DG	
	From £150
70-300mm f4.0-5.6 DG OS	£275
<b>NEW!</b> 120-300mm f2.8 OS	£3599
120-400mm f4.5-5.6 DG OS HSM	From £639
150-500mm f5.0-6.3 DG OS HSM	£749
EX DG APO Tele Converters	From £199

## TAMRON LENSES

**with 5 Year Warranty**

<b>NEW!</b> 90mm f2.8-4.0 VC USD Macro	£629
90mm f2.8 SP Di Macro	£347.95
180mm f3.5 Di SP AF Macro	£698
10-24mm f3.5-4.5 Di II LD SP AF ASP IF	£349
17-50mm f2.8 XR Di II VC	£365
18-200mm f3.5-6.3 AF XR Di II	£159
18-270mm f3.5-6.3 Di II VC PZD	£359
<b>NEW!</b> 24-70mm f2.8 Di VC USD SP	£849
28-75mm f2.8 XR Di	£349
<b>NEW!</b> 70-200mm f2.8 Di VC USD	£1399
70-300mm f4.5-5.6 SP Di VC USD	£289

For more Canon, Nikon, Sigma, Sony, Olympus, Pentax, Panasonic, Fuji and Tamron visit our website at [www.wexphotographic.com](http://www.wexphotographic.com)

Canon Cashback\* offer ends 31.05.13

## Digital Compact Cameras

Digital Compact Camera Batteries, Cases and Accessories are available on our website

Canon



12.1 megapixels  
5.0x optical zoom  
1080p movie mode

**£30 CASHBACK\***

**PowerShot G15 £389 Inc Cashback\***  
Price you pay today £419

Canon Cashback\* offer ends 31.05.13.



12.1 megapixels  
50.0x optical zoom  
1080p movie mode

**£50 CASHBACK\***

**PowerShot SX50 HS £309 Inc Cashback\***  
Price you pay today £359



12.1 megapixels  
5.0x optical zoom  
1080p movie mode

**£20 CASHBACK\***

**PowerShot S110 £319 Inc Cashback\***  
Price you pay today £339

## PowerShot Models:

PowerShot SX240 HS Pink, Silver or Black	£179
PowerShot SX260 HS Red, Grey, Green or Black	£199
PowerShot D20 Underwater Camera - Silver, Blue or Yellow	RRP £349
	<b>£259</b>

## IXUS Models:

<b>NEW!</b> IXUS 132 HS Blue, Pink, Silver or Black	£129
<b>NEW!</b> IXUS 225 HS Silver or Black	£229

**PowerShot G1X £449 Inc £30 Cashback\***  
Price you pay today £479

Pentax



**NEW!** Optio WG-3 GPS  
Purple or Green ..... £329  
**NEW!** MX-1 Silver or Black ..... £399

Sigma



Merrill DP-2  
Foveon X3® sensor with a 30mm f2.8 lens ..... £799

Panasonic



**NEW!** Lumix TZ40  
Red, White, Silver or Black

**£329**



Lumix FZ200 Black

**£429**



Lumix LX7 Black

**£349**

Olympus



**NEW!** Tough TG-2

**£349**

SP-720 UZ Silver or Black	RRP £229.99	<b>£150</b>
SZ-31 MR Silver or Black	RRP £299.99	<b>£179</b>
<b>NEW!</b> SZ-15 White, Red, Blue or Black		<b>£179</b>
<b>NEW!</b> TG-630 White, Red, Blue or Black		<b>£169</b>
<b>NEW!</b> TG-830 Blue, Silver, Red or Black		<b>£249</b>
<b>NEW!</b> SH-50 White, Silver or Black		<b>£249</b>
<b>NEW!</b> XZ-10 White, Brown or Black		<b>£349</b>
XZ-2 Black		<b>£404</b>



**NEW!** Coolpix A

**£999**



Coolpix P7700 Black

RRP £499.99 **£384**

<b>NEW!</b> Lumix FS50 Silver or Black	£99
<b>NEW!</b> Lumix LZ30 Red or Black	£199
<b>NEW!</b> Lumix S29 Silver or Black	£199
<b>NEW!</b> Lumix X51 Red, Silver, White, Violet or Black	£119
<b>NEW!</b> Lumix FT25 Red, Blue, White or Black	£179
<b>NEW!</b> Lumix TZ35 Silver or Black	£249
Lumix FZ62 Black	£259
<b>NEW!</b> Lumix FT5 Blue, Orange, Silver or Black	£349

Sony



Cyber-shot RX100

**£479**

<b>NEW!</b> W710 Pink, Silver or Black	£89
<b>NEW!</b> WX60 White or Black	£149
<b>NEW!</b> TF1 Red, Blue or Black	£179
<b>NEW!</b> H200 Black	£199
<b>NEW!</b> WX200 Silver or Black	£209
<b>NEW!</b> WX300 Black, White or Red	£279
<b>NEW!</b> HX300 Black	£419
RX1 Black	£2599



**NEW!** FinePix X100s Black

**£1099**



**NEW!** FinePix X20

**£499**

<b>NEW!</b> FinePix XP60 Blue, Green, Yellow, Red or Black	£179
<b>NEW!</b> FinePix S8500 White, Red or Black	£279
<b>NEW!</b> FinePix F900 White, Red or Black	£309
<b>NEW!</b> FinePix SL1000 Black	£334
FinePix XF1 Black or Tan	
	RRP £339.99
FinePix X-S1 EXR Black	£299
<b>NEW!</b> FinePix H550 Black	£469

FREE Delivery on orders over £150\*\*

\*\*Based on a 4 day delivery service, UK only.



# 01603 208761

Call us Mon-Fri 8am-7pm  
Visit [www.wexphotographic.com](http://www.wexphotographic.com)

## Photo Bags & Rucksacks

**lowepro**

Photo Hatchback AW 22L  
Pepper Red, Galaxy Blue or Slate Grey.  
Perfect for carrying a DSLR, up to 4 lenses, 11" Macbook Air & accessories

**NEW!** Photo Hatchback AW:  
16L.....£89  
22L.....£94

Rover Pro AW 45L Blue.  
Perfect for carrying a Pro DSLR, Grip up to 5 lenses, outdoor equipment and 15" Laptop

**NEW!** Rover Pro AW:  
35L.....£219  
45L.....£239

**KATA**

DR-465 DL  
Perfect for carrying a DSLR, 2 Lenses, 17" Laptop & Accessories

DR-465 DL.....£59.99  
DR-466 DL.....£69.99  
DR-467 DL.....£74.99

**Grip DL Holster**

Grip DL Holster:  
10.....£24.95  
12.....£26  
14.....£29  
16.....£44.95  
18.....£44.95

**tamrac**

Expedition 5x Black

Expedition:  
4x.....£89  
5x.....£119  
6x.....£139  
7x.....£149  
8x.....£194  
9x.....£219

**Manfrotto**  
Imagine More

White, Brown or Black  
Stile Unica Messenger Bag:  
V.....£54  
VII.....£59.99  
Stile Veloce Backpack:  
White, Brown or Black  
V.....£59.99  
VII.....£69.95

White, Brown or Black  
Stile Unica Messenger Bag:  
V.....£54  
VII.....£59.99  
Stile Veloce Backpack:  
White, Brown or Black  
V.....£59.99  
VII.....£69.95

**DOMKE**

F-803 Rugged-Wear  
Rugged Wear  
F-5XB.....£89  
F-5XZ.....£99.95  
F-6.....£104.95  
F-803.....£150  
F-2.....£159.95

**Billingham**

Hadley Pro Original Canvas Khaki/Tan  
Hadley: Canvas/Leather: Khaki/Tan, Black/Black.  
Fibre/Nyte/Leather: Khaki/Tan, Sage/Tan, Black/Black.  
Digital.....£249.95  
445 Black/Tan, Khaki/Tan, Black/Black, Sage Fibre/Nyte/Tan.....£285  
555 Black/Tan, Khaki/Tan, Black/Black.....£314

5 Series: Khaki/Tan, Black/Tan, Black/Black.

335.....£249  
225.....£249.95  
445 Black/Tan, Khaki/Tan, Black/Black, Sage Fibre/Nyte/Tan.....£285  
555 Black/Tan, Khaki/Tan, Black/Black.....£314

## Tripods & Heads

Joby Gorillapods from only £19 - See our website for details!

**Manfrotto**  
Imagine More

055XPROB  
• 178.5cm Max Height  
• 10cm Min Height  
055 Series:  
055XDB.....£102  
055XB.....£113  
055XPROB.....£139.95  
055XV.....£139  
055CXPRO3.....£249  
055CXPRO4.....£259.95

190XPROL  
• 164cm Max Height  
• 8.5cm Min Height  
**NEW!** 190XPROL.....£144  
**NEW!** 190XPROL + 496RC2 Compact Ball Head.....£199  
**NEW!** 190XPROL + 804RC2 3-Way Head.....£189

**GIOTTO**

Silk Road YTL8353  
• 171cm Max Height  
• 19cm Min Height  
**NEW!** SILK ROAD - 3D Column:  
YTL9353 Aluminium.....£114  
YTL9383 Aluminium.....£124  
YTL8353 Carbon Fibre.....£229  
YTL8354 Carbon Fibre.....£239  
YTL8383 Carbon Fibre.....£259  
YTL8384 Carbon Fibre.....£269

VGRN8225  
• 135cm Max Height  
• 23.1cm Min Height  
Vitrurian Series:  
VGRN8225 Tripod + MH5310-630 Ball Head.....£249  
VGRN8265 Tripod + MH5501-652 Ball Head.....£309

**GITZO**

GT3542 LS  
• 146.5cm Max Height  
• 9.4cm Min Height  
6X Systematic Series:  
GT3542 LS.....£629  
GT3542 XLS.....£699.95  
GT4542 LS.....£699  
GT5542 LS.....£814.95  
GT5562 GTS.....£999.95

## Computing & Software

iPhone, iPod and iPad accessories from only £5 - See our website for details!

**Apple**  
Authorised Reseller

27 Inch Thunderbolt Display Monitor £799

Time Capsule From £225  
**NEW!** iPad Retina Display - Wi-Fi From £388  
**NEW!** iPad Retina Display - Wi-Fi + Cellular From £494

**MacBook Pro - Retina Display** (Feb 2013 model) From £1448  
**Mac Mini** From £479

**Canon**  
PIXMA Pro 100 £318 Inc £50 Cashback\*  
Price you pay today £368  
PIXMA Pro 1 £545 Inc £100 Cashback\*  
Price you pay today £645  
PIXMA Pro 10 £444 Inc £75 Cashback\*  
Price you pay today £519

Intuos5 Pen & Touch Graphics Tablet  
Small £177  
Medium £289  
Large £364

i1 Display Pro £158  
ColorMunki Display £114

Lightroom 4 £99  
Lightroom 4 Upgrade £59  
Spyder4 Pro £99

## Studio Lighting & Accessories

Over 2100 Studio Lighting products available to buy - See our website for details!

**BOWENS**  
Gemini Series Kits:  
Flash Heads, 2x Reflectors, 2x Umbrellas, 2x Light Stands, 2x Power Leads, Sync Cord and Kit Bag.  
200/200 Twin Head ..£399  
400/400 Twin Head ..£539  
Pulsar Radio Trigger Twin Pack £239.99

**Gemini R Pulsar Tx Kits:**  
Flash Heads, 2x Stands, 1x 60x80cm Softbox, 1x 90cm Umbrella, 1x Wide Reflector, 1x Pulsar Tx Trigger and Cord, 2x Mains Leads, Sync Cord and Cases.  
500/500R Twin Head ..£949  
500/500R + Travelpak ..£1360  
500/500R 3 Head.....£1499  
Pulsar Plug-In Trigger Card From £75.99

**Gemini Pro Pulsar Tx Kits:**  
Flash Heads, 2x Stands, Silver/White Umbrella, Wide Angle Reflector, 60x80cm Softbox, 1x Pulsar Tx Trigger and Cord, Leads, Cables, Modelling Lamps and Cases.  
500Pro Twin Head.....£1189  
500Pro + Travelpak .....£1649  
750Pro Twin Head + Travelpak.....£1799  
1000Pro Twin Head + Travelpak.....£2049

Back Light Stand £31.99  
15' Snoot £74.99  
75' Softlite £114.99  
120' Reflector £46.99  
Reflector Kit £124.99  
60' Reflector £144.99  
Softboxes From £154.99

90' Reflector £21.99  
60' Reflector Kit £44.99  
83cm Umbrella Set £26.99  
Portalite 66x66cm Softbox £109.99

Snoot & Grid Set £44.99  
MiniTT1 FlexTT5 £149  
Plus III £229

**Lightmeters**  
Sekonic L-308S £139  
Pro 478DR £324.99  
DigiPro F £159.99  
**Paper**  
Colorama  
1.35x11m £34.99  
1.72x11m £43.99  
2.72x11m £59.99

**Terms and Conditions**  
All prices incl. VAT at 20%. Prices correct at time of going to press. FREE Delivery\*\* available on orders over £150 (based on a 4 day delivery service). For orders under £150 the charge is £2.99\*\* (based on a 4 day delivery service). For Next Working Day Delivery our charges are £4.99\*\*.\* Saturday deliveries are charged at a rate of £7.50\*\*.\* (\*\*Deliveries of very heavy items, or to some European countries, N.I., remote areas of Scotland & Ch. Isles may be subject to extra charges.) E & O.E. Prices subject to change. Goods subject to availability. Live Chat operates between 8am-7pm Mon-Fri and may not be available during peak periods. Wex Photographic is a trading name of Warehouse Express Limited. ©Warehouse Express 2013.

**elinchrom**  
**NEW!** BRX Series Kits:  
BRX Heads, 2x Portable Softboxes, 2x Clip-Lock Stands, 1x Skyport Transmitter, 2x Mains Leads, Head Case and Stand Bag.  
250/250 Twin Head £849  
250/500 Twin Head £909  
500/500 Twin Head £969  
D-Lite 4Rx Soft-box Kit £649  
BRX Kit From £849  
Skyport Universal Trigger Set £99.99

**NEW!** D-Lite 2 RX Series Kits:  
D-Lite 2 RX Heads, 2x Stands, 2x 66x66cm Softboxes, 1x 16cm Reflector, 2x Carry Cases, 1x Skyport Transmitter, Leads, Cables and User Guide.  
200/200 Twin Head £589  
200/400 Twin Head £535  
400/400 Twin Head £649  
D-Lite One RX Series Kits:  
**NEW!** Umbrella Kit £375  
**NEW!** Softbox kit £425

**Style RX Series Kits:**  
Style RX Heads, 2x 16cm Reflectors, 2x Clip-Lock Stands, 2x Translucent/Silver Umbrellas, 2x Carry Cases, Leads, Cables and User Guide.  
RX600 Twin Head £1199  
RX1200 Twin Head £1649.99  
Ranger Quadra RX Set A £1549

Reflector Kits Inc Honeycomb & Diffuser:  
42cm £79  
55cm £129  
70cm £159

Reflector:  
50cm £22.99  
75cm £34.99  
95cm £59  
120cm £74.99

7-in-1 Reflector From £29.99  
Softlite Reflector 70cm £159

**Lastolite**  
EzyBalance Grey £18.99  
Urban Collapsible £165  
Background Support £124.99  
Reflectors:  
30cm £12.50

**Wex Showroom - Visit us today**  
• Touch, Try and Buy latest Cameras & Accessories  
• Over 13,000 products to choose from  
• Award winning specialists!  
Mon & Wed-Sat 10am-6pm, Tues 10am-5pm, Sun 10am-4pm Unit B, Frenbury Estate, Norwich. NR6 5DP.

## THANK YOU!



Thank you for voting for us in the Good Service Awards 2013.

## Reasons to buy from Wex Photographic

- live chat
- product reviews
- news & guides on our blog
- 13,000+ products

[www.wexphotographic.com](http://www.wexphotographic.com)

## Wex Photographic Showroom

UK's largest Independent Photographic Showroom

Monday 10am-6pm  
Tuesday 10am-5pm  
Wednesday-Saturday 10am-6pm  
Sunday 10am-4pm

Frenbury Estate, Drayton High Road, Norwich, NR6 5DP.

Follow us on social networks: Google+, Facebook and Twitter for latest news and product announcements

## STOCK CLEARANCE



Be sure to check this page regularly, as we constantly update the list with products throughout the year!

<http://bit.ly/WexClearance>





We are a small, family owned and run company, specialising in photographic consumables - and proud winners of the 2011 Good Service Award. We are located in Leamington Spa, in the heart of Warwickshire - if you are passing, please pop into our shop, and meet Cooper - our new office dog!

01926 339977 [www.premier-ink.co.uk](http://www.premier-ink.co.uk)



### PRINTER INK CARTRIDGES



# EPSON

COMPATIBLE & ORIGINAL INK



At Premier Ink Supplies, we stock two types of cartridges for Epson printers - **Originals**, which are made by Epson, and **Compatibles**, which are made by a UK company called **Jet Tec**. Using **Jet Tec Compatibles** is a way of saving money, without compromising on the quality of your prints. Here're the results from two **independent** ink tests that agree...

**Digital**  
PHOTOGRAPHY

**Ink Test Winner**



"Jet Tec's colours were superb, with single greys and blacks very close to Epson ...so Jet Tec wins!"  
- Total Digital Photography Magazine

"What we're looking at here is not only the best choice of ink for the R300 printer, but also the best ink in this group test, period. There's just no getting away from the superb combination of performance and pricing!"  
- Computer Upgrade Magazine

#### Cartridge Code:

T007 Black	<b>Originals:</b>	<b>Jet Tec Compatibles:</b>
T008 Colour	<b>£26.99</b> 16ml	<b>£3.99</b> 20ml, 3 for <b>£10.99</b>
T009 Colour	<b>£21.99</b> 46ml	<b>£4.99</b> 50ml, 3 for <b>£13.99</b>
T026 Black	<b>£27.99</b> 66ml	<b>£4.99</b> 70ml, 3 for <b>£13.99</b>
T027 Colour	<b>£35.99</b> 16ml	<b>£3.99</b> 20ml, 3 for <b>£10.99</b>
T0341-T0347 Set of 7	<b>£26.99</b> 46ml	<b>£4.99</b> 50ml, 3 for <b>£13.99</b>
T0341/8, each	<b>£119.99</b> set of 7	Check Website.
T0342/3/4, each	<b>£14.99</b> 17ml	Check Website.
T0345/6/7, each	<b>£17.99</b> 17ml	Check Website.
T0441-T0454 Set of 4	<b>£17.99</b> 13ml	Check Website.
T0441 Black	<b>£39.99</b> set of 4	<b>£14.99</b> , 3 sets for <b>£42.99</b>
T0452/3/4, each	<b>£17.99</b> 13ml	<b>£4.99</b> 21ml, 3 for <b>£13.99</b>
T0481-T0486 Set of 6	<b>£9.99</b> 8ml	<b>£3.99</b> 21ml, 3 for <b>£10.99</b>
T0481/2/3, each	<b>£64.99</b> set of 6	<b>£19.99</b> , 3 sets for <b>£56.99</b>
T0484/5/6, each	<b>£14.99</b> 13ml	<b>£3.99</b> 21ml, 3 for <b>£10.99</b>
T0540-T0549 Set of 8	<b>£14.99</b> 13ml	<b>£3.99</b> 21ml, 3 for <b>£10.99</b>
T0540 Gloss	<b>£99.99</b> set of 8	<b>£35.99</b> , 3 sets for <b>£99.99</b>
T0541/2/3/4, each	<b>£8.99</b> 13ml	<b>£3.99</b> 21ml, 3 for <b>£13.99</b>
T0547/8/9, each	<b>£13.99</b> 13ml	<b>£4.99</b> 21ml, 3 for <b>£13.99</b>
T0551-T0554 Set of 4	<b>£13.99</b> 13ml	<b>£14.99</b> , 3 sets for <b>£42.99</b>
T0551 Black	<b>£32.99</b> set of 4	<b>£4.99</b> 21ml, 3 for <b>£10.99</b>
T0552/3/4, each	<b>£8.99</b> 8ml	<b>£3.99</b> 21ml, 3 for <b>£10.99</b>
T0591-T0599 Set of 8	<b>£8.99</b> 8ml	Check Website.
T0591/2/3, each	<b>£92.99</b> set of 8	Check Website.
T0594/5/6, each	<b>£11.99</b> 13ml	Check Website.
T0597/8/9, each	<b>£11.99</b> 13ml	Check Website.
T0611-T0614 Set of 4	<b>£11.99</b> 13ml	<b>£14.99</b> , 3 sets for <b>£42.99</b>
T0611 Black	<b>£32.99</b> set of 4	<b>£4.99</b> 21ml, 3 for <b>£13.99</b>
T0612/3/4, each	<b>£8.99</b> 8ml	<b>£4.99</b> 21ml, 3 for <b>£10.99</b>
T0711-T0714 Set of 4	<b>£8.99</b> 8ml	<b>£14.99</b> , 3 sets for <b>£42.99</b>
T0711 Black	<b>£32.99</b> set of 4	<b>£4.99</b> 21ml, 3 for <b>£10.99</b>
T0712/3/4, each	<b>£8.99</b> 7.4ml	<b>£3.99</b> 13ml, 3 for <b>£10.99</b>
T0791-T0796 Set of 6	<b>£8.99</b> 5.5ml	Check Website.
T0791/2/3, each	<b>£69.99</b> set of 6	Check Website.
T0794/5/6, each	<b>£11.99</b> 10ml	Check Website.
T0801-T0806 Set of 6	<b>£11.99</b> 10ml	<b>£19.99</b> , 3 sets for <b>£57.99</b>
T0801/2/3, each	<b>£49.99</b> set of 6	<b>£3.99</b> 13ml, 3 for <b>£10.99</b>
T0804/5/6, each	<b>£8.99</b> 7.4ml	<b>£3.99</b> 13ml, 3 for <b>£10.99</b>
T0870-T0879 Set of 8	<b>£8.99</b> 7.4ml	Check Website.
T0870 Gloss	<b>£69.99</b> set of 8	Check Website.
T0871/2/3/4, each	<b>£7.99</b> 11.4ml	Check Website.
T0877/8/9, each	<b>£8.99</b> 11.4ml	Check Website.
T0961-T0969 Set of 8	<b>£8.99</b> 11.4ml	Check Website.
T0961/2/3/4/5, each	<b>£8.99</b> 11.4ml	Check Website.
T0966/7/8/9, each	<b>£8.99</b> 11.4ml	Check Website.
T1281-T1284 Set of 4	<b>£26.99</b> set of 4	<b>£14.99</b> set of 4
T1281 Black	<b>£6.99</b> 5.9ml	<b>£4.99</b> 13ml
T1282/3/4, each	<b>£6.99</b> 3.5ml	<b>£3.99</b> 10ml
T1291-T1294 Set of 4	<b>£38.99</b> set of 4	<b>£16.99</b> set of 4
T1291 Black	<b>£9.99</b> 11.2ml	<b>£5.49</b> 16ml
T1292/3/4, each	<b>£9.99</b> 7ml	<b>£4.49</b> 13ml
T1571-9, each	<b>£19.99</b> 25.9ml each or <b>£154.99</b> set of 8	
T1591-9, each	<b>£13.99</b> 17ml each or <b>£99.99</b> set of 8	
T5591-6, each	<b>£12.99</b> 13ml each or <b>£69.99</b> set of 6	
T5801-9, each	<b>£39.99</b> 80ml each or <b>£314.99</b> set of 8	
No.18 Set of 4	<b>£21.99</b> set of 4	<b>£14.99</b> set of 4
No.18 Black	<b>£7.99</b> 5.2ml	<b>£4.99</b> 18ml
No.18 C/M/Y, each	<b>£5.99</b> 3.3ml	<b>£3.99</b> 13ml
No.18XL Set of 4	<b>£44.99</b> set of 4	<b>£14.99</b> set of 4
No.18XL Black	<b>£14.99</b> 11.5ml	<b>£4.99</b> 18ml
No.18XL C/M/Y, each	<b>£10.99</b> 6.6ml	<b>£3.99</b> 13ml
No.24 Set of 6	<b>£41.99</b> set of 6	<b>NEW</b>
No.24 B/L/C/L/M, each	<b>£7.99</b> 5.1ml	<b>NEW</b>
No.24 C/M/Y, each	<b>£7.99</b> 4.6ml	<b>NEW</b>
No.24XL Set of 6	<b>£69.99</b> set of 6	<b>NEW</b>
No.24XL B/L/C/L/M, each	<b>£11.99</b> 9.6ml	<b>NEW</b>
No.24XL C/M/Y, each	<b>£11.99</b> 8.7ml	<b>NEW</b>
No.26 Set of 4 (no PB)	<b>£29.99</b> set of 4	<b>NEW</b>
No.26 Black	<b>£8.99</b> 6.2ml	<b>NEW</b>
No.26 Photo Black	<b>£7.99</b> 4.7ml	<b>NEW</b>
No.26 C/M/Y, each	<b>£7.99</b> 4.5ml	<b>NEW</b>
No.26XL Set of 4 (no PB)	<b>£49.99</b> set of 4	<b>NEW</b>
No.26XL Black	<b>£13.99</b> 12.1ml	<b>NEW</b>
No.26XL Photo Black	<b>£12.99</b> 8.7ml	<b>NEW</b>
No.26XL C/M/Y, each	<b>£12.99</b> 9.7ml	<b>NEW</b>

#### Suitable EPSON Printers:

Photo 790, 870, 890, 895, 900, 915, 1290  
Photo 790, 870, 890, 895, 915  
Photo 900, 1270, 1290  
Photo 810, 830, 830u, 925, 935

#### Photo 2100

#### Chameleon Inks

C64, C66, C84, C86,  
CX3600/3650, CX6400, CX6600  
Parasol Inks  
R200, R220, R300, R320, R340  
RX500, RX600, RX620, RX640

#### Seahorse Inks

Photo R800, R1800  
Frog Inks

Photo R240, R245,  
RX420, RX425, RX520, RX525

#### Duck Inks

#### Lilly Inks

D68, D88,  
DX3800/3850, DX4200/4250, DX4800/4850  
Teddy Bear Inks  
S20, S21, SX100/105/110/115/200/205/210/215  
SX400/405/415/515, D78/92/120, B40W, BX300  
DX4000/4400/5000/6000/7000/7400/8400/9400  
Photo 1400  
Owl Inks

Photo P50, PX650/660/700W/710W/720WD,  
PX730WD/800FW/810FW/830FW/830FWD  
R265/285/360, RX560/585/685  
Photo R1900  
Flamingo Inks

#### Photo R2880

#### Husky Inks

S22, SX125/130, SX420W/425W/445W,  
BX305F  
Fox Inks  
SX420W/425W/445W/525WD/620FW,  
BX305F/320FW/525WD/535WD/625FW/630FW,  
BX635FWD/BX925FWD/BX935FWD, B42WD  
Photo R3000 Turtle Inks  
Photo R2000 Kingfisher Inks  
Photo RX700 Penguin Inks  
Photo Pro 3800, 3880  
Expression Home XP300, XP102, XP202, XP205  
XP302, XP305, XP402, XP405  
Daisy Inks  
Expression Home XP30, XP102, XP202, XP205  
XP302, XP305, XP402, XP405  
High Capacity Daisy Inks  
Expression Photo XP750, XP850  
Elephant Inks

Expression Photo XP750, XP850  
High Capacity Elephant Inks

Expression Premium XP600, XP605, XP700,  
XP800  
Polar Bear Inks

Expression Premium XP600, XP605, XP700,  
XP800  
High Capacity Polar Bear Inks

#### Canon Compatibles

BCi3e Black 26ml	<b>£2.99</b>
BCi6 B/C/M/Y 15ml	<b>£2.99</b>
BCi6 PC/PM/R/G 15ml	<b>£2.99</b>
PGi5 Black 29ml	<b>£4.99</b>
CLi8 B/C/M/Y/PC/PM 15ml	<b>£3.99</b>
PGi520 Black 19ml	<b>£4.99</b>
CLi521 B/C/M/Y/GY 9ml	<b>£3.99</b>
PGi525 Black 19ml	<b>£4.99</b>
CLi526 B/C/M/Y/GY 9ml	<b>£3.99</b>
PG37 Black 12ml	<b>£9.99</b>
PG40 Black 28ml	<b>£13.99</b>
PG50 Black 28ml	<b>£12.99</b>
PG510 Black 11.5ml	<b>£13.99</b>
PG512 Black 18ml	<b>£14.99</b>
CL38 Colour 12ml	<b>£12.99</b>
CL41 Colour 16ml	<b>£16.99</b>
CL51 Colour 24ml	<b>£14.99</b>
CL512 Colour 11.5ml	<b>£15.99</b>
CL513 Colour 15ml	<b>£16.99</b>

#### Canon Originals

BCi3e Black 26ml	<b>£10.99</b>
BCi6 All colours, 13ml, each	<b>£8.99</b>
PGi5 Black 26ml	<b>£11.99</b>
CLi8 All colours, 13ml, each	<b>£10.99</b>
CLi42 All colours, 13ml, each	<b>£10.99</b>
CLi42 Set of 8	<b>£79.99</b>
PGi9 All colours, 14ml, each	<b>£9.99</b>
PGi9 Set of 10	<b>£89.99</b>
PGi29 All colours, 36ml, each	<b>£21.99</b>
PGi29 Set of 12	<b>£259.99</b>
PGi72 All colours, 14ml, each	<b>£10.99</b>
PGi72 Set of 10	<b>£99.99</b>
PGi520 Black 19ml	<b>£9.99</b>
CLi521 B/C/M/Y/GY 9ml	<b>£8.99</b>
PGi520/CLi551 Set of 5	<b>£44.99</b>
PGi525 Black 19ml	<b>£9.99</b>
CLi526 B/C/M/Y/GY 9ml	<b>£8.99</b>
PGi525/CLi526 Set of 5	<b>£44.99</b>
PGi550 Black 15ml	<b>£9.99</b>
CLi551 B/C/M/Y/GY 7ml	<b>£8.99</b>
PGi550/CLi551 Set of 5	<b>£44.99</b>
PG37 Black 11ml	<b>£11.99</b>
PG40 Black 16ml	<b>£14.99</b>
PG50 Black 22ml	<b>£21.99</b>
PG510 Black 9ml	<b>£11.99</b>
PG512 Black 15ml	<b>£14.99</b>
PG540 Black 8ml	<b>£11.99</b>
PG540XL Black 21ml	<b>£17.99</b>
CL38 Colour 9ml	<b>£15.99</b>
CL41 Colour 12ml	<b>£18.99</b>
CL51 Colour 21ml	<b>£25.99</b>
CL52 Photo 21ml	<b>£18.99</b>
CL511 Colour 9ml	<b>£15.99</b>
CL513 Colour 13ml	<b>£18.99</b>
CL541 Colour 8ml	<b>£15.99</b>
CL541XL Colour 15ml	<b>£19.99</b>

Many more in stock!

#### HP Compatibles

No.15 Black 46ml	<b>£4.99</b>
No.21 Black 10ml	<b>£7.99</b>
No.22 Colour 21ml	<b>£11.99</b>
No.45 Black 45ml	<b>£4.99</b>
No.56 Black 24ml	<b>£9.99</b>
No.57 Colour 24ml	<b>£12.99</b>
No.78 Colour 36ml	<b>£9.99</b>
No.110 Colour 12ml	<b>£10.99</b>
No.300XL Colour 18ml	<b>£14.99</b>
No.300XL Black 18ml	<b>£16.99</b>
No.301XL Colour 15ml	<b>£14.99</b>
No.301XL Black 15ml	<b>£16.99</b>
No.336 Black 10ml	<b>£7.99</b>
No.337 Black 21ml	<b>£10.99</b>
No.338 Black 21ml	<b>£10.99</b>
No.339 Black 34ml	<b>£12.99</b>
No.342 Colour 12ml	<b>£10.99</b>
No.343 Colour 21ml	<b>£12.99</b>
No.344 Colour 21ml	<b>£14.99</b>
No.348 Photo 21ml	<b>£12.99</b>
No.350XL Black 30ml	<b>£14.99</b>
No.351XL Colour 20ml	<b>£16.99</b>
No.363 Black 20ml	<b>£6.99</b>
No.363 C/M/Y/PC/PM each	<b>£4.99</b>
No.364XL Black 18ml	<b>£9.99</b>
No.364XL C/M/Y 11ml each	<b>£8.99</b>

#### HP Originals

No.21 Black 5ml	<b>£10.99</b>
No.22 Colour 5ml	<b>£13.99</b>
No.38 All Colours 27ml each	<b>£24.99</b>
No.56 Black 19ml	<b>£16.99</b>
No.57 Colour 17ml	<b>£24.99</b>
No.58 Photo 17ml	<b>£22.99</b>
No.110 Colour 4ml	<b>£17.99</b>
No.300 Black 5ml	<b>£10.99</b>
No.300 Colour 4ml	<b>£12.99</b>
No.301 Black 3ml	<b>£8.99</b>
No.301 Colour 3ml	<b>£9.99</b>
No.337 Black 11ml	<b>£16.99</b>
No.338 Black 11ml	<b>£17.99</b>
No.339 Black 21ml	<b>£23.99</b>
No.343 Colour 7ml	<b>£18.99</b>
No.344 Colour 14ml	<b>£26.99</b>
No.350 Black 4.5ml	<b>£11.99</b>
No.351 Colour 3.5ml	<b>£13.99</b>
No.363 Black 6ml	<b>£12.99</b>
No.363 C/M/Y/PC/PM each	<b>£8.99</b>
No.364 Black 6ml	<b>£7.99</b>
No.364 PB/C/M/Y 3ml each	<b>£6.99</b>
No.364 Set of 4	<b>£22.99</b>
No.901 Black 4ml	<b>£10.99</b>
No.901 Colour 9ml	<b>£13.99</b>
No.920XL Black 49ml	<b>£19.99</b>
No.920XL C/M/Y 6ml each	<b>£8.99</b>
No.940XL Black 49ml	<b>£23.99</b>
No.940XL C/M/Y 16ml each	<b>£15.99</b>

Many more in stock!

#### Lexmark Compatibles

No.1 Colour	<b>£10.99</b>
No.2 Colour	<b>£11.99</b>
No.3 Black	<b>£14.99</b>
No.16 Black	<b>£11.99</b>
No.17 Black	<b>£9.99</b>
No.26 Colour	<b>£12.99</b>
No.27 Colour	<b>£11.99</b>
No.31 Photo	<b>£11.99</b>
No.32 Black	<b>£9.99</b>
No.33 Colour	<b>£11.99</b>
No.34 Black	<b>£11.99</b>
No.35 Colour	<b>£12.99</b>

#### Lexmark Originals

No.1 Colour	<b>£19.99</b>
No.14 Black	<b>£16.99</b>
No.15 Colour	<b>£18.99</b>
No.17 Black	<b>£17.99</b>
No.23 Black	<b>£16.99</b>
No.24 Colour	<b>£18.99</b>
No.27 Colour	<b>£18.99</b>
No.28 Black	<b>£14.99</b>
No.29 Colour	<b>£16.99</b>
No.32 Black	<b>£19.99</b>
No.33 Colour	<b>£21.99</b>
No.36 Black	<b>£16.99</b>
No.37 Colour	<b>£18.99</b>
No.43XL Colour	



# Lowering the Cost of Photography

Orders are shipped promptly by Royal Mail 1st class post, for which we charge just £1.99 per order. All prices include VAT, and a full VAT receipt is provided with every order. Payment accepted by credit/debit card, cheque or postal order. Orders accepted securely online, [www.premier-ink.co.uk](http://www.premier-ink.co.uk), over the telephone, 01926 339977, by post, or by visiting our shop: Premier Ink & Photographic, Longfield Road, Sydenham Ind Estate, Leamington Spa, CV31 1XB.

01926 339977 [www.premier-ink.co.uk](http://www.premier-ink.co.uk)



# Premier

## Ink & Photographic

Winners of the Amateur Photographer 2011 GOLD "Good Service Award"

## MEMORY

### NEW LOWER PRICES

# SanDisk

**Sandisk Blue C4: 5MB/s**

2GB 5MB/s	£8.27	£3.99
4GB 5MB/s	£12.41	£3.99
8GB 5MB/s	£21.10	£4.99
16GB 5MB/s	£39.39	£7.99

**Sandisk Ultra C6: 30MB/s**

4GB 30MB/s	£45.66	£4.99
8GB 30MB/s	£27.85	£6.99
16GB 30MB/s	£57.22	£10.99

**Sandisk Extreme C10: 30&45MB/s**

4GB 30MB/s	£21.33	£7.99
8GB 30MB/s	£37.42	£8.99
16GB 45MB/s	£46.02	£14.99
32GB 45MB/s	£67.65	£26.99
64GB 45MB/s	£92.34	£59.99

**Sandisk Ultra 30MB/s**

4GB 30MB/s	£21.76	£13.99
8GB 30MB/s	£36.12	£19.99
16GB 30MB/s	£70.06	£34.99

**Sandisk Extreme 60MB/s**

8GB 60MB/s	£67.02	£29.99
16GB 60MB/s	£116.19	£49.99
32GB 60MB/s	£206.89	£79.99
64GB 60MB/s	£365.45	£149.99

**Sandisk Ultra C10: 30MB/s**

8GB 30MB/s	£37.42	£7.99
16GB 30MB/s	£46.02	£12.99
32GB 30MB/s	£67.65	£24.99
64GB 30MB/s	£92.34	£49.99

## Lexar

**Compact Flash: 800X**

8GB 120MB/s	£477.38	£34.99
16GB 120MB/s	£271.30	£67.99
32GB 120MB/s	£384.30	£109.99

**Compact Flash: 1000X**

16GB 150MB/s	£371.30	£109.99
32GB 150MB/s	£669.56	£199.99

**SDHC Class 10: 400X**

8GB 60MB/s	£436.73	£14.99
16GB 60MB/s	£498.47	£22.99
32GB 60MB/s	£246.54	£39.99

**SDHC Class 10: 600X**

16GB 90MB/s	£480.73	£37.99
32GB 90MB/s	£329.79	£69.99

## DELKIN DEVICES

**Compact Flash**

8GB 75MB/s	£39.99	£14.99
16GB 75MB/s	£59.99	£19.99
32GB 75MB/s	£79.99	£34.99

## BATTERIES & CHARGERS

**Standard Rechargeables**

High-power Ni-MH rechargeable AA and AAA batteries - all sold in packs of 4

AAA 1000mAh Duracell	£6.99	
AAA 2450mAh Duracell	£6.99	
AA 2500mAh GP	£9.99	
AA 2850mAh Ansmann	£13.99	
AA 2900mAh Delkin	£14.99	£9.99

**ReCyco+ Rechargeables**

New technology, combining the benefits of Alkaline and Ni-MH rechargeable batteries. They come pre-charged, retain 90% of their charge after 6 months, and last 4 times as long as alkaline batteries!

AAA 850mAh equivalent (4)	£5.99
AA 2050mAh equivalent (4)	£7.99

**Ultimate Lithium**

Enlarger Ultimate Lithium: The longest lasting AA and AAA batteries in the world!

AAA Ultimate Lithium (4)	£6.99	
AA Ultimate Lithium (4)	£7.99	£5.99

## BATTERIES

**Camera Batteries**

A comprehensive range of rechargeable li-ion batteries. Manufactured by respected independent battery manufacturers Energizer and Blumax. All batteries come with a 2 year guarantee.

NB-2L/LH for Canon	£9.99	
NB-3L for Canon	£9.99	
NB-4L for Canon	£9.99	
NB-5L for Canon	£9.99	
NB-6L for Canon	£9.99	
NB-7L for Canon	£12.99	
NB-8L for Canon	£9.99	
NB-9L for Canon	£9.99	
NB-10L for Canon	£12.99	
BP-511 for Canon	£12.99	
LP-E5 for Canon	£9.99	
LP-E6 for Canon	£29.99	£19.99
LP-E8 for Canon	£15.99	
LP-E10 for Canon	£12.99	
NP40 for Fuji	£9.99	
NP45 for Fuji	£9.99	
NP50 for Fuji	£9.99	
NP95 for Fuji	£9.99	
NP140 for Fuji	£12.99	
NP150 for Fuji	£19.99	
NP400 for Minolta	£12.99	
EN-EL1 for Nikon	£9.99	
EN-EL3/3A for Nikon	£9.99	
EN-EL3E for Nikon	£14.99	
EN-EL5 for Nikon	£9.99	
EN-EL9 for Nikon	£12.99	
EN-EL10 for Nikon	£9.99	
EN-EL11 for Nikon	£9.99	
EN-EL12 for Nikon	£9.99	
EN-EL14 for Nikon	£19.99	
EN-EL15 for Nikon	£24.99	
EN-EL19 for Nikon	£12.99	
EN-EL20 for Nikon	£14.99	
LI10B/12B for Olympus	£9.99	
LI40B/42B for Olympus	£9.99	
LI50B for Olympus	£9.99	
BLM-1 for Olympus	£12.99	
BLM-1 for Olympus	£12.99	
CGA-S005 for Panasonic	£9.99	
CGR-S006 for Panasonic	£9.99	
CGA-S007 for Panasonic	£9.99	
DMW-BC610 for Panasonic	£19.99	
DMW-BCJ13 for Panasonic	£19.99	
DMW-BCK7 for Panasonic	£19.99	
DMW-BLB13 for Panasonic	£19.99	
DMW-BLE9 for Panasonic	£14.99	
DMW-BMB9 for Panasonic	£24.99	
D-L150 for Pentax	£12.99	
D-L190 for Pentax	£12.99	
D-L1109 for Pentax	£12.99	
SLM-1137D for Samsung	£9.99	
SLM-1674 for Samsung	£12.99	
BG-1 for Sony	£19.99	
NP-FM500H for Sony	£19.99	
NP-FH50 for Sony	£19.99	
NP-FW50 for Sony	£24.99	

**Battery Grips**

A range of professional battery grips for Canon, Nikon and Sony. All can take two Li-ion batteries for double the battery power. AA battery compartment and/or vertical shutter release and/or infrared remote, depending on model.

For Canon 5D MkII	£99.99
For Canon 5D MkIII	£99.99
For Canon 7D	£99.99
For Canon 30/40/50D	£99.99
For Canon 60D	£99.99
For Canon 450/500D	£69.99
For Canon 550D	£99.99
For Canon 600/650D	£99.99
For Canon 1000D	£69.99
For Nikon D80/D90	£99.99
For Nikon D800/D800E	£99.99
For Nikon D7000	£99.99

**Battery Grips**

A range of professional battery grips for Canon, Nikon and Sony. All can take two Li-ion batteries for double the battery power. AA battery compartment and/or vertical shutter release and/or infrared remote, depending on model.

**Battery Grips**

A range of professional battery grips for Canon, Nikon and Sony. All can take two Li-ion batteries for double the battery power. AA battery compartment and/or vertical shutter release and/or infrared remote, depending on model.

**Dedicated Charger**

A dedicated Li-ion charger, able to charge most camera batteries. Mains cable, plus 12V car charger. £14.99

**Coin Cells, etc**

A comprehensive range of specialist batteries - see our website for full range.

CR123A Energizer Lithium (1)	£1.99
CR2 Energizer Lithium (1)	£1.99
2CR5 Energizer Lithium (1)	£3.99
CRV3 Energizer Lithium (1)	£5.99
LR44 Energizer Alkaline (2)	£1.99
CR2025, CR2032 etc	£1.99

**Dedicated Charger**

A dedicated Li-ion charger, able to charge most camera batteries. Mains cable, plus 12V car charger. £14.99

**Coin Cells, etc**

A comprehensive range of specialist batteries - see our website for full range.

**Full range of coin cells in stock**

## SQUARE FILTERS

### KOOD

#### P-Type Filter System

The P-Type square/rectangular filter system consists of three parts:

- 1) An adapter ring that screws onto the front of your lens
- 2) A filter holder clips onto the ring
- 3) One or more P-Type (84mm wide) filters

**P-Type Adapter Rings**

49mm Adapter Ring	£4.99
52mm Adapter Ring	£4.99
55mm Adapter Ring	£4.99
58mm Adapter Ring	£4.99
62mm Adapter Ring	£4.99
67mm Adapter Ring	£4.99
72mm Adapter Ring	£4.99
77mm Adapter Ring	£4.99
82mm Adapter Ring	£4.99

**P-Type Filters (84mm wide)**

Circular Polarizing	£29.99
ND2	£9.99
ND4	£9.99
ND8 NEW	£10.99
ND2 Soft Graduated	£11.99
ND2 Hard Graduated	£11.99
ND4 Soft Graduated	£11.99
ND4 Hard Graduated	£11.99
ND8 Soft Graduated NEW	£13.99
ND8 Hard Graduated NEW	£13.99
Light Blue Graduated	£11.99
Dark Blue Graduated	£11.99
Cool Blue Graduated	£11.99
Light Sunset Graduated	£11.99
Dark Sunset Graduated	£11.99
Light Tobacco Graduated	£11.99
Dark Tobacco Graduated	£11.99
Light Mauve Graduated	£11.99
Dark Mauve Graduated	£11.99
Light Red Graduated	£11.99
Dark Red Graduated	£11.99
Light Green Graduated	£11.99
Dark Green Graduated	£11.99
Light Yellow Graduated	£11.99
Dark Yellow Graduated	£11.99
Light Fog	£9.99
Strong Fog	£9.99
Light Diffuser	£9.99
Strong Diffuser	£9.99
Starburst 4x, 6x, 8x	£12.99
Close-Up +1, +2, +4	£12.99
80A, 80B, 80C, each	£9.99
81A, 81B, 81C, each	£9.99
82A, 82B, 82C, each	£9.99
85A, 85B, 85C, each	£9.99
Red, Orange, each	£9.99
Yellow, Green, each	£9.99

**P-Type Holders**

Holder Standard	£5.99
Holder Wide Angle	£6.99
Hood Modular	£6.99

**P-Type Filter Wallet**

A smooth cushioned filter wallet, to protect and store up to 8 P-Type filters

£9.99

**P-Type Six-Piece Neutral Density Filter Kit**

£49.99

£43.99

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1x P-Type Adapter Ring of your choice (49-82mm).

**We also stock Z-Pro (100mm) and A-Type (67mm) filters, holders and adapter rings**

## LENS HOODS & CAPS

### Bayonet-Fit Lens Hoods

A comprehensive range of aftermarket matt black bayonet-fit lens hoods for Canon, Nikon and Sony lenses.

ES-62 Canon 50/1.8	£9.99
ES-711 Canon 50/1.4	£9.99
ET-60 Canon 75-300/4-5.6	£9.99
ET-65B Canon 70-300/4-5.6	£9.99
ET-67 Canon 100/2.8 Macro	£9.99
ET-67B Canon 60/2.8	£9.99
EW-60C Canon 18-55 IS	£9.99
EW-73B Canon 17-85 IS	£9.99
EW-78BII Canon 28-135 IS	£9.99
EW-78D Canon 18-200 IS	£9.99
EW-78E Canon 18-55 IS	£12.99
EW-83E Canon 17-40/4.0	£12.99
EW-83J Canon 17-55/2.8	£12.99
HB-25 Nikon 24-85 2.4-120	£12.99
HB-37 Nikon 55-200 VR	£7.99
HB-45 Nikon 18-55 VR	£7.99
SH-006 Sony 18-70/3.5-5.6	£9.99
SH-108 Sony 18-55/3.5-5.6	£9.99

**Screw-Fit Lens Hoods**

52mm Shaped Petal Hood	£6.99
55mm Shaped Petal Hood	£6.99
58mm Shaped Petal Hood	£6.99
62mm Shaped Petal Hood	£7.99
67mm Shaped Petal Hood	£7.99
72mm Shaped Petal Hood	£9.99
77mm Shaped Petal Hood	£9.99
82mm Shaped Petal Hood	£11.99
46mm Rubber Hood	£3.99
52mm Rubber Hood	£3.99
55mm Rubber Hood	£3.99
58mm Rubber Hood	£3.99
62mm Rubber Hood	£4.99
67mm Rubber Hood	£4.99
72mm Rubber Hood	£5.99
77mm Rubber Hood	£5.99

**Lens Caps**

30mm, 37mm, 40mm, 43mm, 46mm, 49mm, 52mm, 55mm, 58mm, 62mm, 67mm, 72mm, 77mm, 82mm, 86mm, 95mm	£3.99 each
--	------------

**We also stock a range of body caps and rear lens caps for Canon, Nikon, Olympus, Sony, Pentax, etc**

**This is just a sample, more in stock!**

## SPIRIT LEVELS

### Bubble Spirit Levels

These simply mount onto the hot shoe of a DSLR camera.

**Twin Axis Normal Hotshoe** £7.99

**Twin Axis Sony Hotshoe** £7.99

**Triple Axis Normal Hotshoe** £9.99

**Triple Axis Sony Hotshoe** £9.99

## CLEANING

### GREEN CLEAN

**LensPen SensorKlear Loupe** 6X magnification, with LEDs £39.99

**LensPen SensorKlear Loupe Kit** inc. Loupe, Blower, SensorKlear £49.99

**Green Clean Sensor Cleaning Kit** inc. Mini Vacuum, swabs, wipes £64.99

**Green Clean Sensor Cleaning Wet'n'Dry Swabs** pack of 4 £15.99

### Lens Cleaning

**LensPen Original** Carbon-tipped pen with built-in cleaning brush £7.99

**LensPen DSLR Pro Kit** Cloth, Pen, FilterKlear, MicroPro £24.99

**Spudz 6X** Washable microfiber cloth with neoprene pouch and beltclip £4.99

**Massive range of cleaning equipment on our website and in stock.**

## SCREW-TYPE FILTERS

### KOOD

**Japanese Optical Glass Filters**  
Coated to reduce lens flare and reflections.

#### UV / Haze Filters

Used both to protect the lens of your camera, and to absorb ultraviolet rays that can cause photos to appear hazy.

46mm UV / Haze	£6.99
52mm UV / Haze	£6.99
55mm UV / Haze	£7.99
58mm UV / Haze	£8.99
62mm UV / Haze	£9.99
67mm UV / Haze	£10.99
72mm UV / Haze	£11.99
77mm UV / Haze	£14.99
82mm UV / Haze	£17.99
86mm UV / Haze	£22.99

**More sizes in stock, from 24 to 86mm!**

#### Circular Polarising Filters

These remove reflections from surfaces such as glass and water, as well as increasing contrast and saturation.

46mm Circular Polarizing	£18.99
52mm Circular Polarizing	£19.99
55mm Circular Polarizing	£21.99
58mm Circular Polarizing	£24.99
62mm Circular Polarizing	£29.99
67mm Circular Polarizing	£34.99
72mm Circular Polarizing	£39.99
77mm Circular Polarizing	£44.99
82mm Circular Polarizing	£49.99
86mm Circular Polarizing	£59.99

**More sizes in stock, from 27 to 86mm!**

#### Skylight Filters

Similar to a UV filter, but with a pinkish tinge to add a gentle warmth to your photos.

52mm Skylight	£7.99
55mm Skylight	£8.99
58mm Skylight	£9.99
62mm Skylight	£10.99
67mm Skylight	£11.99
72mm Skylight	£13.99
77mm Skylight	£16.99

**More sizes in stock, from 30 to 105mm!**

#### Neutral Density Filters

Used to reduce the amount of light passing through the lens, reducing shutter speed without affecting colour contrast or balance. Available as ND4 (2 stop) and ND8 (3 stop).

52mm ND4 / ND8	£11.99
55mm ND4 / ND8	£12.99
58mm ND4 / ND8	£14.99
62mm ND4 / ND8	£17.99
67mm ND4 / ND8	£22.99
72mm ND4 / ND8	£29.99
77mm ND4 / ND8	£34.99

**More sizes in stock, from 37 to 82mm!**

#### Starburst Filters

These add a dramatic star cross flare to bright light sources, such as streetlights. They also give a slight soft focus effect.

52mm Starburst x4/6/8, each	£11.99
58mm Starburst x4/6/8, each	£15.99
67mm Starburst x4/6/8, each	£21.99
72mm Starburst x4/6/8, each	£27.99

**More sizes in stock, from 46 to 82mm!**

**We stock many other filter types, including multi-image, fog, split-field, red, orange, yellow and green filters in a range of sizes.**

### Light Craft Workshop Filters

Amazing but true - by simply rotating the outer element of the filter, the amount of light passing through the filter can be adjusted from 2 stop to an 8 stop reduction.

The FaderND filter is constructed from two opposing sheets of polarizing glass, the outer sheet mounted in an independently rotating frame. The new Mk II version features both improved optical elements, and a thinner, conical shaped frame to reduce the chance of vignetting.

Also available is the highly acclaimed ND500MC fixed 9-stop filter with ultra-thin frame for wide angle photography.

</





## Lowering the Cost of Photography

We are a small, family owned and run company, specialising in photographic consumables - and proud winners of the 2011 Good Service Award. We are located in Leamington Spa, in the heart of Warwickshire - if you are passing, please pop into our shop, and meet Cooper - our new office dog! To find out more about us (or Cooper) you can also find us on [www.facebook.com/premierink](http://www.facebook.com/premierink)

01926 339977 [www.premier-ink.co.uk](http://www.premier-ink.co.uk)



### CAMERA BAGS



We will match or beat ANY UK Think Tank price!  
Full Think Tank range in stock - below are just a few examples:

Retrospective 7	Airport Commuter	Airport International V2.0
<b>NEW!</b> £114	<b>NEW!</b> £149	£245



We will match or beat ANY UK Billingham price!  
Full Billingham range in stock - below are just a few examples:

Hadley Range	The 5 Series	The 07 Range
Hadley Small £126	225 £247	107 £247
Hadley Large £148	335 £256	207 £270
Hadley Pro £159	445 £279	307 £288
	555 £315	



Comprehensive Kata range in stock!  
Below are just a few examples:

GearPack Range	Digital Rucksack Range	3-N-1 ProLight Series
Gearpack-60 £49	DR-465 £65	3N1-25 £139
Gearpack-80 £59	DR-466 £72	3N1-35 £169
Gearpack-100 £69	DR-467 £79	



Comprehensive Tamrac range in stock!  
Below are just a few examples:

Expedition Range	Velocity Sling Range	Accessories
		Water Bottle £13
4X £89	6X £29	Lens Case 50 £12
5X £104	7X £39	Lens Case 100 £13
6X £119	8X £44	Lens Case 200 £14
7X £149	9X £49	Flash Case £11
8X £169	10X £59	Rain Cover £20



Comprehensive Vanguard range in stock!  
Below are just a few examples:

Messenger UP-Rise	Zoomster Outlawz	Backpack UP-Rise
UP-Rise 28 £72	Outlawz 16Z £54	UP-Rise 46 £99
UP-Rise 33 £82	Outlawz 17Z £63	UP-Rise 48 £108
UP-Rise 38 £90		

### RAIN COVERS

OpTech Rainsleeve	Kata Elements Covers	Think Tank Hydrophobia
Standard Flash £6	E690 Small £37	70-200 Flash £109
	E702 Large £52	300-600 £118

### CAMERA STRAPS



The world's fastest camera straps!

RS-4 Classic	RS-5 Cargo	RS-7 Curve	RS-W1 Women	RS-SPORT	RS-DR1 Double	Snapper-35 Large
£54.99	£64.99	£59.99	£59.99	£59.99	£119.99	£44.99



The world's best-selling SLR camera straps!

Camera Straps	System Connectors
Wrist Strap £11.99	Adapt-its (4) £4.99
Classic Strap £16.99	Extensions (2) £6.99
Super Classic £19.99	UniLoop (2) £6.99
Pro 3/8 Strap £17.99	ProLoop (2) £9.99
Pro Loop Strap £18.99	LensSupport (2) £9.99
Utility Sling Strap £29.99	Sling Adapter £10.99

### TRIPODS



Massive range of Manfrotto in stock!  
Below are just a few examples:

190XPROB Tripod	055XPROB Tripod
Aluminum 3-section legs, aluminum canopy, 090 horizontal tilting central column	Aluminum 3-section legs, aluminum canopy, 090 horizontal tilting central column
Weight: 1.85kg Load: 5.0kg Folded: 57cm Height: 146cm £99.99	Weight: 2.40kg Load: 7.0kg Folded: 65cm Height: 178cm £119.99

190CXPRO3	190CXPRO4	055CXPRO3	055CXPRO4
Carbon Fibre 3-section legs, Q90 column	Carbon Fibre 4-section legs, Q90 column	Carbon Fibre 3-section legs, Q90 column	Carbon Fibre 4-section legs, Q90 column
Weight: 1.29kg Load: 5.0kg Folded: 58cm Height: 146cm £209.99	Weight: 1.34kg Load: 5.0kg Folded: 50cm Height: 146cm £219.99	Weight: 1.65kg Load: 8.0kg Folded: 65cm Height: 175cm £232.99	Weight: 1.70kg Load: 8.0kg Folded: 54cm Height: 170cm £246.99

MM294A3 Monopod	MM294A4 Monopod	679B Monopod
Aluminum 3-section	Aluminum 4-section	Aluminum 3-section
Weight: 0.50kg Load: 5.0kg Folded: 59cm Height: 151cm £29.99	Weight: 0.50kg Load: 5.0kg Folded: 49cm Height: 151cm £34.99	Weight: 0.60kg Load: 10.0kg Folded: 64cm Height: 162cm £35.99

234 Tilt Head	234RC Tilt Head	804 RC2 Pan / Tilt
Ideal for monopods	With RC2 quick release	With RC2 quick release
Weight: 0.27kg Load: 2.5kg £14.99	Weight: 0.27kg Load: 2.5kg £24.99	Weight: 0.79kg Load: 4.0kg £49.99

496 RC2 Ball Head	498 RC2 Ball Head	410 Geared Head
With RC2 quick release	With RC2 quick release	With RC4 quick release
Weight: 0.46kg Load: 6.0kg £49.99	Weight: 0.67kg Load: 8.0kg £74.99	Weight: 1.22kg Load: 5.0kg £142.99



Comprehensive Vanguard range in stock!  
Below are just a few examples:

AltaPRO 263AT Tripod	AltaPRO 264AT Tripod
Aluminum 3-section legs, magnesium canopy, MACC Multi-Angle-Central-Column	Aluminum 4-section legs, magnesium canopy, MACC Multi-Angle-Central-Column
Weight: 2.00kg Load: 7.0kg Folded: 63cm Height: 165cm £125.99	Weight: 2.10kg Load: 7.0kg Folded: 53cm Height: 155cm £134.99

PRO 253CT	PRO 283CT	NEW! Nivelto Tripods
Carbon Fibre 3-section legs, MACC column	Carbon Fibre 3-section legs, MACC column	A new range of lightweight, flexible, compact tripods with heads that fold flat in a few seconds thanks to the unique, inverting open canopy
Weight: 1.65kg Load: 8.0kg Folded: 63cm Height: 165cm £242.99	Weight: 1.70kg Load: 8.0kg Folded: 64cm Height: 170cm £296.99	204BK H:101cm, W:0.6kg £53.99 214BK H:120cm, W:0.7kg £62.99 244BK H:145cm, W:1.1kg £98.99 245BK H:161cm, W:1.2kg £107.99

PH32 Pan / Tilt	SBH100 Ball Head	GH100 Pistol Grip
3-way fluid head, magnesium, three spirit levels, quick release plate	Lightweight magnesium alloy, head with spirit level, friction levels, quick release plate	Multi award-winning pistol grip head with spirit level, friction control and panoramic function
Weight: 0.42kg Load: 5.0kg £67.49	Weight: 0.39kg Load: 10.0kg £67.49	Weight: 0.75kg Load: 6.0kg £107.99



GH-1P Gimbal	GH-2 Gimbal	Travel Angel 2
Superb gimbal head, with control handle. Side mounting for lens	Heavy duty gimbal head, with massive load rating. Flat mounting for lens	A1682TBO £179 A1692TBO £189
Weight: 0.8kg Load: 12.0kg £229	Weight: 1.4kg Load: 23.0kg £329	Flat Traveller 2 A1182TBO £204 A1192TBO £209



A284 Tripod	C2504 Monopod	C2804 Monopod
Aluminum 4-section	Carbon Fibre 4-section	Carbon Fibre 4-section
Weight: 2.17kg Load: 8.0kg Folded: 56cm Height: 154cm £73.99	Weight: 0.59kg Load: 4.0kg Folded: 47cm Height: 153cm £59.99	Weight: 0.59kg Load: 4.0kg Folded: 47cm Height: 153cm £74.99

BH02 Ball Head	BH08 Ball Head	BH25 Ball Head
Quick release plate, spirit level, 360 degree rotation, dual control knobs	Quick release plate, spirit level, 360 degree rotation, dual control knobs	Sliding quick release plate, spirit level, 360 degree rotation, triple control knobs
Weight: 12.0kg Load: £22.99	Weight: 12.0kg Load: £22.99	Weight: 4.0kg Load: £31.99

BH05 Ball Head	BH28 Ball Head	BH30 Ball Head
Weight: 12.0kg Load: £25.99	Weight: 4.0kg Load: £45.99	Weight: 1.90kg Max Load: 5.0kg Folded: 61cm Max Height: 162cm £19.99

BH22 Ball Head	BH25 Ball Head	BH30 Ball Head
Sliding quick release plate, spirit level, 360 degree rotation, triple control knobs	Sliding quick release plate, spirit level, 360 degree rotation, triple control knobs	Sliding quick release plate, spirit level, 360 degree rotation, triple control knobs
Weight: 4.0kg Load: £31.99	Weight: 4.0kg Load: £45.99	Weight: 1.90kg Max Load: 5.0kg Folded: 61cm Max Height: 162cm £19.99

BH30 Ball Head	BH40 Ball Head
Weight: 1.90kg Max Load: 5.0kg Folded: 61cm Max Height: 162cm £19.99	Weight: 1.90kg Max Load: 5.0kg Folded: 61cm Max Height: 162cm £29.99

### TRIGGERS & METERS



The NEW Plus III  
Single Unit £119  
Double Unit £229  
Triple Unit £339

Mini & Flex  
The world's leading TTL wireless triggering system  
AC3 Zone Controller £49  
TT1 Mini Transmitter £149  
TT5 Flex Transceiver £159



L208 TwinMaster  
Analogue, incident and reflected, ambient light only  
£85

L308S FlashMate  
Digital, incident and reflected, ambient and flash light  
£139

L478D LiteMaster Pro £349  
L478DR LiteMaster Pro £399



Hahnel Combi TF  
Combed wireless remote shutter release and radio flash trigger. 2.4GHz, 100m range, 4 channels. Receiver & Transmitter £49.99

NEW GigaT MkII £65  
NEW Tuff TTL £99



Yongnuo CTR-301P £27.99  
Extra Receivers £18.99  
Yongnuo RF-602 £29.99  
Extra Receivers £19.99  
Yongnuo RF-603 £31.99

Yongnuo YN-460II and YN-560II flashguns also in stock!

### FLASH GUNS



Free batteries with every Nissin Flashgun

Nissin Di866 MkII  
The world's most powerful hotshoe flashgun! A guide number of 60m/ISO100 and a clear, full colour LCD panel, makes this advanced unit simple to use. Designed for use with Canon, Nikon and Sony digital SLRs, the Nissin Di866 fully supports full TTL functionality with the option for full manual override. Covering a range of focal lengths from 24-105mm and including a secondary fill-in flash, the Nissin Di866 is the flashgun professionals have been waiting for. Includes built-in USB port for down-loading upgrades.  
£189.99 Canon, Nikon & Sony

Nissin Di622 MkII  
An impressively powerful flashgun with a guide number of 44m, bounce and swivel head, full TTL, wide angle diffuser.  
£114.99 Canon, Nikon & Sony

Nissin Di466  
Guide number 33m. Full TTL, adjustable bounce flash head, wide angle diffuser.  
£72.99 Canon, Nikon & Olympus



Free batteries with every Metz Flashgun

24 AF-1 £49.99  
36 AF-5 £69.99  
44 AF-1 £129.99  
52 AF-1 £189.99  
Canon, Nikon, Sony, & Olympus

Nissin MF18 Ring Flash  
The new Nissin MF18 Macro Ring Flash offers an exceptionally high guide number of 16m (ISO100), colour LCD display, power pack port, Auto, TTL, Manual, Multi, Wireless and Custom settings are just some of its features, plus an expanding ring head includes mounting rings for 52, 58, 62, 67, 72 and 77mm diameter mounting rings. Available in Canon and Nikon fit.  
£279.99

TTL Flash Cord Coiled £24.99  
TTL Flash Cord Straight £29.99  
Available in Canon, Nikon, Sony, Olympus, Panasonic, Pentax and Samsung fit.

### FLASH DIFFUSERS

Bounce Flash Diffuser

These popular, simple opaque plastic diffusers simply fit onto the front of your flash gun, creating a diffused bare bulb effect with even coverage. Huge range available for Canon, Nikon, Sony, Olympus, Pentax, Metz & Nissin. Below is just a sample of the range.

Canon 270EX / 380EX / 420EX  
Canon 430EX / 430EXII / 550EX  
Canon 580EX / 580EXII  
Nikon SB600 / SB800 / SB900  
Nikon SB24 / SB25 / SB26 / SB28  
Sony HVL-F42AM / HVL-F58AM, Metz: 48AF1 / 58AF1  
Nissin: Di466 / Di622 / Di866, Pentax: AF-540FGZ  
£10.99

Inverted Dome Pro Flash Diffuser Set

Comprising a clear vinyl body that simply slips onto the head of the flash gun, and an inverted frosted dome that clips onto the front. In addition to diffusing the flash directly hitting your subject, the inverted dome spreads light evenly through the sides of the clear vinyl body, lighting up the surrounding environment, thus producing a natural soft daylight effect. Especially useful for shooting interiors and portraits, and is a firm favourite with wedding photographers. Supplied with four domes, giving you a full range of natural, cool, or warm-up tones. Available in four sizes:

Size 1: 62-65 x 39-42mm Nikon SB600, SB800, SB900  
Size 2: 64-68 x 35-38mm Canon 420EX, 430EX, etc.  
Size 3: 68-72 x 46-49mm Nikon SB26, 27, 28, etc.  
Size 4: 73-77 x 46-49mm Canon 550EX, 580EX, etc.  
£29.99

### STUDIO ACCESSORIES



Apollos and Halos	Collapsible Umbrellas
28" Apollo £99.99	43" Umbrella Soft Silver £19.99
Apollo Orb £119.99	43" Umbrella White £19.99
Apollo Strip £119.99	43" Umbrella White/Black £29.99



# Lowering the Cost of Photography

Orders are shipped promptly by Royal Mail 1st class post, for which we charge just £1.99 per order. All prices include VAT, and a full VAT receipt is provided with every order. Payment accepted by credit/debit card, cheque or postal order. Orders accepted securely online, [www.premier-ink.co.uk](http://www.premier-ink.co.uk), over the telephone, 01926 339977, by post, or by visiting our shop: Premier Ink & Photographic, Longfield Road, Sydenham Ind Estate, Leamington Spa, CV31 1XB

01926 339977 [www.premier-ink.co.uk](http://www.premier-ink.co.uk)



**Premier**  
Ink & Photographic

Winners of the Amateur Photographer 2011 GOLD "Good Service Award"

## Special Offers

### Manfrotto 190XPROB 496RC2 Kit



**190XPROB**  
Aluminium Tripod  
with 496RC2  
Ball Head

**£139.99**

### Canon PGI9 Pro 9500 inks



Each  
**£9.99**

Set of 10  
**£89.99**

### Sandisk USB Pen Drives

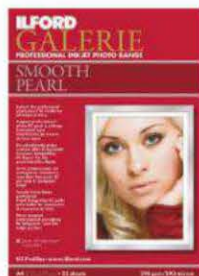


8GB  
**£4.99**

16GB  
**£7.99**

32GB  
**£14.99**

### Ilford Galerie Smooth Pearl



**A4**  
35 sheets  
25+10 FREE  
**£10.99**

**6x4**  
100 sheets  
£10 OFF RRP  
**£12.99**

### Epson T096... R2880 inks



Each  
**£7.99**

Set of 8  
**£69.99**

### Sandisk SDHC Extreme



8GB  
**£8.99**

16GB  
**£14.99**

32GB  
**£26.99**  
Sandisk CF also in stock

### Epson Premium Glossy Paper



**A4**  
30 sheets  
15+15 FREE  
**£9.99**

**6x4**  
80 sheets  
40+40 FREE  
**£9.99**

### HP No.364 ink multipack



Set of 4  
**£22.99**  
(equivalent to  
£5.75 each)

### Kata DL-3N1-20



Lightweight,  
comfortable,  
protective,  
dual  
compartment  
photo sling  
backpack

**£45 OFF RRP**  
**£59.99**

[www.premier-ink.co.uk](http://www.premier-ink.co.uk)

Telephone 01926 339977 or 0800 1077 211.

Premier Ink & Photographic, Longfield Road, Leamington Spa, Warwickshire, CV31 1XB



# cameraWORLD

LONDON SHOP **020 7636 5005**

14 WELLS ST (just off Oxford St), LONDON W1T 3PB

ESSEX SHOP **01245 255510**

HIGH CHELMER SHOPPING CENTRE  
CHELMSFORD CM1 1XB

**PART-EXCHANGE MOST WELCOME**



**HALF PRICE**  
**SAVE £250**  
**PANASONIC LUMIX GF5 & 14-42mm**  
f/3.5-5.6 ASPH.  
RRP £499 **SAVE £250**  
**£249**  
PANASONIC LUMIX GF5 & 14mm **£199**



**SAVE £260**  
**PANASONIC 12-35mm**  
f/2.8 LUMIX G X VARIO  
rrp £1049 **SAVE £260** **£789**



**SAVE £140**  
**PANASONIC 14mm**  
f/2.5 ASPH.  
rrp £289 **SAVE £140** **£149**



**SAVE £63**  
**PANASONIC 20mm**  
f/1.7 ASPH.  
rrp £262 **SAVE £63** **£199**

**PANASONIC LUMIX GF3 & 14-42mm**  
f/3.5-5.6 ASPH. MEGA OIS  
rrp £375 **SAVE £176** **£199**

**ADD A SPARE BATTERY £12**  
RRP £35 NORMAL PRICE £22



**PANASONIC LUMIX GX1 & 14-42mm**  
f/3.5-5.6 ASPH. X VARIO  
rrp £699 **SAVE £300** **£399**

**ADD A SPARE BATTERY £15**  
RRP £49 NORMAL PRICE £29



**PANASONIC LUMIX GH3 & 12-35mm**  
f/3.5-5.6 ASPH. MEGA OIS  
rrp £2328 **SAVE £429** **£1899**

**ADD ADOBE LIGHTROOM 4 £50**  
RRP £99 NORMAL PRICE £85



**PANASONIC LUMIX G5 & 14-42mm**  
f/3.5-5.6 ASPH. MEGA OIS  
rrp £699 **SAVE £300** **£399**

**ADD A SPARE BATTERY £15**  
RRP £49 NORMAL PRICE £29



## REFURBISHED STOCK

### Canon

REFURBISHED CANON LENSES

14mm f/2.8L	£1100
14mm f/2.8L MKII	£1400
15-85mm f/3.5-5.6 IS USM EF-S	£400
18-135mm f/3.5-5.6 IS USM EF-S	£215
24-85mm f/3.5-4.5 USM	£190
28mm f/2.8 EF	£190
28-105mm f/4-5.6 USM	£145
28-135mm f/3.5-5.6 USM IS	£240
28-200mm f/3.5-5.6 EF	£160
28-200mm f/3.5-5.6 USM EF	£220
75-300mm f/4.5-5.6 USM IS	£200
100-300mm f/4.5-5.6 USM	£150
135mm f/2.8 SOFT FOCUS	£280



### REFURBISHED

**NIKON D3100 & 18-55mm VR**  
rrp £579 **SAVE £329**  
**£250**



REFURBISHED NIKON D7000 BODY & NEW TAMRON 18-270mm Di II PZD VC  
rrp £1763 **SAVE £964** **£799**

## NEW STOCK

Billingham bags available in black!

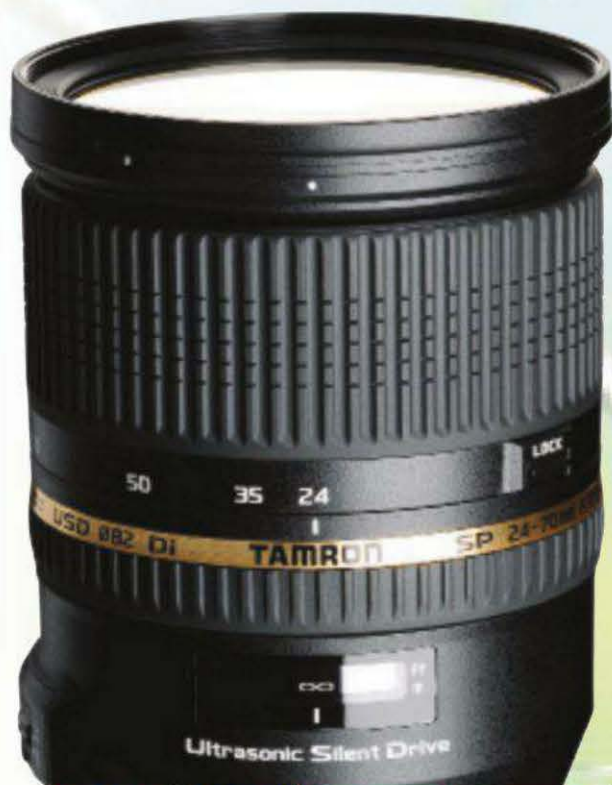


Goods and delivery services subject to stock availability. Prices subject to change. Pictures are for illustration purposes only.



**TAMRON**  
**5 Year**  
UK WARRANTY

# TAMRON



## Playing with light, capture a subtle world of beauty.

With the 24-70mm F2.8 Di VC USD Tamron has managed to come up with a seriously attractive lens for anyone using a full frame SLR camera.

This is a large-aperture standard zoom featuring image stabilisation, silent autofocus and sharpness that easily matches the demands of today's high-resolution cameras.

Tamron's 24-70mm F2.8 is also a sturdy and well-built lens with rubber seals protecting it in moist or dusty conditions. It truly feels like a professional lens and also performs like one when autofocus, image stabilisation and image quality is concerned. A lens to rely on, whether you are photographing for a living or simply for pleasure"

*Citation of the EISA jury*

**TAMRON 24-70mm f/2.8 Di VC USD**

RRP £999 **SAVE £150** **£849**



"The apex of telephoto lenses in a compact package. SP 70-200mm F/2.8 Di VC USD with VC (Vibration Compensation) image stabilization delivers leading-edge image quality in a body that's smallest in its class. Equipped with Tamron's proprietary USD (Ultrasonic Silent Drive) motor, this lens boasts a speedy autofocus so that you can capture that one decisive moment. For sports, journalism, fashion, weddings, or even landscapes, the 70-200mm will exceed your expectations every time."

*Citation of the EISA jury*



**TAMRON 70-200mm f/2.8 Di VC USD**

RRP £1499 **SAVE £250** **£1249**



Tamron Vibration Compensation - experience the wow-effect. This stabilizer formally freezes the picture in the viewfinder and allows you to exactly position and control the image in the viewfinder. With the VC stabilizer you win up to four stops more leeway to achieve optimum handheld results at longer focal lengths or with little light. You can also use the stabilizer to pan directly without changing the mode.



**TAMRON 17-50mm**  
f/2.8 XR Di II VC LD APSH  
rrp £529 **SAVE £170** **£359**



**TAMRON 18-270mm**  
f/3.5-6.3 Di II VC PZD  
rrp £664 **SAVE £276** **£388**



**TAMRON 70-300mm**  
f/4-5.6 Di VC USD  
rrp £449 **SAVE £161** **£289**



**TAMRON 90mm**  
f/2.8 Di MACRO VS USD  
rrp £729 **SAVE £100** **£629**



# used equipment

**WHY BUY SECONDHAND?** Huge savings from new! All our items over £50 have a **SIX MONTH GUARANTEE**.  
**PART-EXCHANGE AND CASH-BUYS WELCOME!**



## BRONICA

ETRSi & 75mm, 120 BACK and WLF W	£265
SQA & 80mm KIT W	£325
40mm f/4 PS SQA C	£175
50mm f/3.5 PS C	£86
50mm f/3.5 S C	£85
50mm f/2.8 Zenzanon PE W	£79
50mm f/3.5 SQA C	£86
75mm f/2.8 E II C	£69

ZENZANON'S SCHNEIDER-KREUZNACH	
VARIOGON 75-150mm f/4.5 RARE W	£1200
80mm f/2.8 E C	£88
80mm f/2.8 SQA C	£72
100mm f/4E MACRO C	£150
110mm f/4 MACRO PS SQA C	£159
135mm f/4 PE C	£295
150mm f/3.5 MC W	£86
150mm f/3.5 E C	£74
150mm f/4 PS SQA W	£72
ETR 120 MAGAZINE C	£25
AEI PRISM W	£56
SPEED GRIP E C	£25

## CANON

EOS 300 BODY W	£35
EOS 500N & 28-80mm C	£48
EOS 500N & 38-76mm C	£45
EOS 650 BODY W	£27
T70 BODY W	£75
IIB & 50mm f/1.9 SERENAR C	£850
A1 & 50mm f/1.7 C	£64
AE1 & 50mm f/1.7 C	£64
FT & 50mm f/1.8 W	£67
CANONET QL17 GIII C	£175
CANONET 28 C	£65



**LEICA M6 BODY**  
LIMITED EDITION  
'LAST 999'

**£1600**



**NIKON 28Ti**  
MINT BLACK

**£749**

28mm f/2.8 FD C	£28
70-210mm f/4 FD C	£36
80-200mm f/4 FD W	£77
135mm f/2.8 FD W	£37
300mm f/5.6 FD C	£78
WINDER A W	£17

## CONTAX

167MT W	£95
18mm f/4 T* DISTAGON (MM) C	£295
45mm f/2.8 T* TESSAR C	£165
50mm f/1.7 T* C	£143
90mm f/2.8 T* SONNAR W	£197
135mm f/2.8 SONNAR C	£175
200mm f/4 ZEISS TELE-TESSAR T* W	£240

TLA20 FLASHGUN C	£35
TLA280 FLASHGUN W	£35
SIGMA 70-210mm f/4-5.6 C	£63
CONTAX INTERVAL TIMER RTS FIT C	£16

## HASSELBLAD

500CM & 80mm 25 YEAR ANNIVERSARY	
EDITION - VERY RARE C	£1200
500CM & 80mm f/2.8 C T* W	£655
H1 BODY, PRISM & 120 BACK C	£900
PHASE1 H101/P25 DIGITAL BACK C	£3175
120mm f/4 CF MACRO PLANAR C	£675
135mm f/5.6 S/PLANAR C	£175
135mm f/5.6 T* C	£245
150mm f/4 T* W	£255
250mm f/5.6 T* C	£350
250mm f/5.6 SONNAR C	£156
350mm f/5.6 TELE-TESSAR T* C	£550
32e EXTENSION TUBE C	£45
MANUAL BELLOWS C	£200
A12 CHROME MAG C	£125
A24 CHROME MAG C	£35
NC-2 FINDER W	£100
PME PRISM C	£62
PM-E5 METER PRISM C	£145
CM FOCUSING SPLIT SCREEN C	£15
SPORTS FINDER C	£20
PISTOL GRIP C	£30
BAY 50 MULTIPRISM FILTER C	£20
QR TRIPOD PLATES C	EACH £20

## LEICA

IC & 5CM f/3.5 ELMAR LIKE NEW! C	£2500
IIF BODY C	£375
M6 'LAST 999' C	£1600
3.5CM f/3.5 FOR M C	£475
21mm f/4 + FINDER W	£625
ZEISS 50MM f/1.5 T* SONNAR C	£700
LEICA KGOON BALL HEAD C	£67

## MAMIYA

C330 PRO & 80mm W	£295
C330F PRO & 80mm W	£255
M654 SUPER PRISM KIT C	£277
55-110mm f/4.5 C	£150

65mm f/4 RZ C	£275
105-210mm f/4.5 for 645 C	£150
135mm f/4.5 TLR C	£100
300mm f/5.6N C	£175
360mm f/6 SEKOR Z C	£145
645 PLAIN PRISM C	£38
MAMIYA PRO II 220 BACK W	£160
MAMIYA POLAROID BACK W	£30

## MINOLTA

DYNAX 300si & 35-80mm f/4-5.6 C	£38
DYNAX 300si BODY W	£5
DYNAX 500si FLASH KIT W	£50
135mm f/2.8 MD C	£69

## NIKON

28Ti MINT BLACK W	£750
S2 & 5cm f/1.4 NIKKOR SC C	£1000
EL BLACK C	£120
FT2 BODY C	£78
FM BODY W	£118
FM3A BODY W	£425
F3T HP BODY W	£285
F4 INC MF-23 BODY C	£327
F5 BODY C	£225
F100, MF-29 & MF-15 W	£250

## OLYMPUS

OM1 & 35-70mm f/3.5 C	£98
OM2 & 50mm f/1.8 W	£112
OM2N & 50mm f/1.8 W	£128
OM4 & 50mm f/1.8 C	£175
24mm f/2.8 ZUIKO OM W	£75
28mm f/2.8 ZUIKO OM C	£42
35-70mm f/4 ZUIKO OM W	£63
50mm f/1.8 ZUIKO OM C	£60
75-300mm f/4 ZUIKO OM W	£45
100mm f/2.8 ZUIKO OM W	£75
135mm f/3.5 ZUIKO OM W	£32

## ROLLEI

ROLLEI 35 IN BLACK W	£117
ROLLEI 35 IN SILVER 'SINGAPORE' W	£110
ROLLEICORD VB C	£225
ROLLEIFLEX STANDARD 621 TLR C	£142
ROLLEI 6000 POLAROID BACK C	£20

## PENTAX

ME SUPER & 50mm f/1.7 C	£89
MX & 50mm f/1.7 C	£199
50mm f/1.7 SMC-M W	£37
80-200mm f/4.7-5.6 FA SMC-M W	£75
SINAGOR 28-80mm f/3.5-4.5 MC W	£27
VIVITAR 100-200mm f/4 & 2X T/C W	£25

## VOIGTLANDER

50mm f/1.5 NOCTON ASPH W/M FIT W	£335
90mm f/3.5 APO LANTHAR W/M FIT W	£299
VITESSA C	£196
VITOMATIC IIA C	£37

## MISC

COSINA CS2 & 50mm f/1.8 W	£44
BALDA CA35 & CF18 C	£90
SINAR F1 5x4 MONORAIL CAMERA C	£345
SINAR BELLOWS LENS HOOD C	£45
SEAGULL 2/4 SQ TLR C	£86
MICROFLEX MPP TLR C	£225
YASHICA T ZOOM C	£150
YASHICA FR1 & 50mm f/1.7 w/winder C	£99
YASHICAMAT MT C	£155

## FILM

<b>35mm</b>	
FUJIFILM SUPERIA	
200/36 EXP	£3.80
X-TRA 400/36 EXP	£3.80
X-TRA 800/36 EXP	£5.99
FUJIFILM VELVIA 100F 100/36	£12.00
ILFORD FP4 PLUS 125/36 EXP	£5.99
ILFORD HP5 PLUS 400/36 EXP	£5.99
ILFORD XP2 SUPER 400/36 EXP	£5.99

## 120mm

FUJI VELVIA RVP 100 5 PACK	£35.00
FUJI VELVIA RVP 100	£7.00
FUJI VELVIA 100F 100 5 PACK	£39.00
ILFORD FP4 PLUS 125	£5.99
ILFORD HP5 PLUS 400	£5.99
ILFORD XP2 SUPER 400	£5.99

## CAMERA WORLD CLASSICS

*Classic, vintage, antique and collectables!*

# Nikon

NIKKORMAT EL BODY BLACK	£120
FM BODY	£118
F2S BODY	£300
F3T HP	£285
FT2 BODY	£68



**NIKON S2**  
& 5cm f/1.4 £1200.0.0

# Canon

**CANON IIB**  
& 50mm f/1.9  
SERENAR  
£850.0.0



**CANONET**  
QL17 GIII  
£175.0.0



# Rollei



**ROLLEI 35**  
£110.0.0



**ROLLEIFLEX**  
STANDARD 621  
£142.0.0



**ROLLEICORD**  
VB  
£225.0.0



**YASHICAMAT**  
MT  
£155.0.0



**MICROFLEX**  
MPP TLR  
£225.0.0

**HASSELBLAD**  
500C/M & 80mm f/2.8 C T\*  
EXCELLENT CONDITION  
**£655.0.0**



**LOWEPRO LENS TREKKER**  
600AW  
NEW £159 **SAVE £39** £120



**LEICA ULTRAVID 10x32**  
BINOCULARS  
NEW £1200 **SAVE £600** £600



**LOWEPRO STEALTH**  
REPORTER D400AW  
NEW £129 **SAVE £74** £55

## ACCESSORIES

### BAGS & CASES

BILLINGHAM HADLEY LARGE (BLK) W	£112
LOWEPRO LENS TREKKER 600 C	£120
L/PRO STEALTH REPORTER D400AW C	£55
TAMRAC ZOOMSTER 5682 W	£110

### BINOCULARS

SWAROVSKI 8x30SLC NEU C	£500
OLYMPUS 8x40 DPS W	£45
LEICA 10x32 ULTRAVID C	£600
NIKON 10x21 SPRINT V W	£50
NIKON 10x25 SPORTSRAR IV W	£89
NIKON LASER RANGEFINDER 500G W	£199

### TRIPODS

BENBO MK1 & BALL HEAD C	£135
BENBO TREKKER & CASE W	£86
BENBO BEN307 HEAD C	£68
GITZO G1178M BALL HEAD C	£75
MANFROTTO 234 RC QRP HEAD C	£25
MANFROTTO MN058 TRIAULT C	£175
LEICA KGOON BALL HEAD C	£65
HASSELBLAD TRIPOD QR PLATE C	£20

### LIGHTING

BOWEN MONOLITE 400 C	£125
BOWEN MONOLITE 400E C	£75
BOWEN GM500 2 HEAD KIT W	£620
CENTON MACRO FLASH W	£53
GARY FONG LIGHTSPHERE & AMBER DOME W	£40
LASTOLITE COLLAPSIBLE	
BACKGROUND 1.5x1.8M W	£60
VIVITAR 283 FLASHGUN W	£45

### LIGHT METERS

GOSSEN PRO MASTER IV METER C	£65
GOSSEN LUNASIX F METER C	£35
MINOLTA FLASHMETER II W	£43
WESTON EUROMASTER + CONE C	£48

### WESTON MASTER V

LIGHTMETER

**£37**



## NOW BUYING ACCESSORIES

We're paying top prices for all top brand accessories. Bags, lighting, light meters, tripods, remotes, flashguns - everything!





HIGH STREET RETAILER  
ONLINE RETAILER

# cameraWORLD

## used equipment

WEB [CAMERAWORLD.CO.UK](http://CAMERAWORLD.CO.UK) MAIL ORDER 0844 264 0664

## Nikon

### BODIES

FUJIFILM S5 BODY C	£375
D3S BODY C	£2754
D700 BODY C	£1150
D7000 BODY C	£501
REFURBISHED D7000 BODY C/W	£500
D3000 BODY C	£395
D300S BODY C	£650
D200 BODY W	£275
D200 BODY C	£275
D90 BODY C	£287
D90 BODY W	£287
D80 BODY C	£199
D80 BODY W	£199
D80 & 18-55mm VR C	£249
D80 & 18-55mm VR W	£249
D80 & 18-135mm W	£327
D70 BODY C	£125
D70 & 18-55mm C	£165
D70s & 18-55mm VR C	£220
D50 & 18-55mm C	£175
D50 BODY C	£117
D50 BODY W	£127
D40 & 18-55mm DX W	£175
D40X & 18-55mm DX C	£205
D5100 & 18-55mm VR C	£347
COOLPIX P7100 W	£199
COOLPIX P5100 W	£47
COOLPIX S9100 W	£136
COOLPIX S80 W	£72
HAHNEL INSPIRE WIRELESS LVIEW W	£110
ML-3 REMOTE C	£15
MC-36 REMOTE W	£110

MD12 C	£22
MB-10 C	£169
MB-11 C	£167
MB-D80 W	£69

### LENSES

10.5mm f/2.8G FISHEYE W	£425
10.5mm f/2.8G FISHEYE C	£397
12-24mm f/3.5-5.6G AF-S DX W	£525
12-24mm f/4G IF-ED W	£657
12-24mm f/4G IF-ED C	£725
16-85mm f/3.5-5.6G ED DX C	£365
17-55mm f/2.8G AF-S C	£625
17-55mm f/2.8G AF-S W	£655
18-70mm f/3.5-5.6 ED DX W	£155
18-70mm f/3.5-5.6 ED DX C	£167
18-105mm f/3.5-5.6G VR DX C	£137
18-135mm f/3.5-5.6G DX W	£127
18-200mm f/3.5-5.6G VR DX W	£299
18-200mm f/3.5-5.6G VR DX C	£299
18-200mm f/3.5-5.6G VR DX MKII C	£444
24mm f/2.8 AIS W	£197
24-120mm f/3.5-5.6 AF-D W	£115
28mm f/2 AIS C	£287
28-70mm f/3.5-5.6 AF-D W	£147
28-70mm f/3.5-5.6 AF-D C	£99
35mm f/1.8G DX W	£119
35mm f/2 AF-D W	£187
35-70mm f/3.3-4.5 Ai C	£74
35-105mm f/3.5-5.6 AIS C	£110
35-105mm f/3.5-5.6 AF-D W	£127
50mm f/1.2 Ai C	£425
50mm f/1.4 Ai C	£137
50mm f/1.4G AF-S C	£230
50mm f/1.8 AF-D C	£105
50mm f/1.8 AF-D W	£105
50mm f/1.8 AF C	£75
55-200mm f/4.5-5.6 AF-S C	£85
55-200mm f/4.5-5.6 AF-S VR C	£125
55-200mm f/4.5-5.6 AF-S VR W	£125

55-300mm f/4.5-5.6 AF-S VR C	£187
70-210mm f/4-5.6 W	£83
70-300mm f/4-5.6 W	£67
70-300mm f/4-5.6 ED W	£147
70-300mm f/4-5.6G AF-S VR C	£335
75-300mm f/4-5.6 AF W	£89
80-200mm f/4-5.6 AF-D W	£100
85mm f/1.8D W	£200
85mm f/3.5G ED MACRO VR C	£297
105mm f/2.5 NIKKOR-P W	£75
135mm f/3.5 NON-AI C	£38
200mm f/4 AIS C	£135
200mm f/4 AIS ED C	£245
300mm f/4.5 Ai C	£125
300mm f/4.5 AIS C	£225
300mm f/4D ED AF-S W	£800
500mm f/8 REFLEX NIKKOR C	£307
1000mm f/11 REFLEX NIKKOR W	£550
TC14EII CONVERTER C	£267
TC17EII CONVERTER W	£235
TC200 CONVERTER C	£65
PK12 EXTENSION TUBE C	£18

### SIGMA LENSES

SIGMA 8mm f/4 ED DX W	£369
SIGMA 10-20mm f/4-5.6 DG W	£287
SIGMA 10-20mm f/4-5.6 DG C	£287
SIGMA 12-24mm f/4-5.6 EX DG C	£301
SIGMA 18-200mm f/3.5-6.3 DC OS II W	£215
SIGMA 24-70mm f/2.8 EX DG C	£275
SIGMA 28mm f/1.8 EX DG C	£248
SIGMA 24mm f/1.8 EX DG C	£324
SIGMA 30mm f/1.4 DC HSM C	£262
SIGMA 50mm f/1.4 EX DG C	£284
SIGMA 50mm f/1.4 EX DG W	£285
SIGMA 70-200mm f/2.8 APO HSM C	£450
SIGMA 70-300mm f/4-5.6 DG APO W	£95
SIGMA 70-300mm f/4-5.6 DG C	£65
SIGMA 150-500mm f/5-6.3 APO OS C	£575
SIGMA 170-500mm f/5-6.3 APO W	£362

SIGMA 1000mm f/8 APO AF W	£1100
SIGMA 2X APO TELECONVERTER C	£110

### TAMRON LENSES

TAMRON 17-50mm f/2.8 Di II VC W	£277
TAMRON 18-270mm f/3.5-6.3 VC PZD C	£297
TAMRON 28-75mm f/2.8 XR LD C	£206
TAMRON 28-300mm f/3.5-6.3 LD C	£183
TAMRON 55-200mm f/4-5.6 Di II C	£72
TAMRON 70-210mm f/3.8-4.5 Di II C	£37
TAMRON 70-300mm f/4-5.6 LD W	£77
TAMRON 200-500mm f/5.6 LD W	£537

### TOKINA LENSES

TOKINA 11-16mm f/2.8 ATX C	£374
TOKINA 12-24mm f/4 ATX PRO W	£308
TOKINA 150-500mm f/5.6 AD ATX AIS WE315	£315
TOKINA 400mm f/5.6 SD ATX AIS C	£132

### FLASHGUNS

SB-R1C1 C	£411
SB-15 C	£15
SB-19 C	£15
SB-600 W	£150
SU-4 CONTROLLER W	£25
NISSIN D622 W	£69



**NIKON D3S BODY**  
FULL FRAME PRO BODY **£2754**



**NIKON 17-55mm**  
f/2.8G AF-S DX  
NEW £1049 **SAVE £424 £625**



**NIKON 18-200mm**  
f/3.5-5.6G AF-S VR MKI **£299**

## Canon

### BODIES

EOS 5D BODY & BG-E4 B/GRIP C	£567
EOS 5D BODY C	£525
EOS 5D BODY W	£505
EOS 7D BODY C	£785
EOS 20D & 35-80mm C	£240
EOS 20D & 18-55mm IS C	£258
EOS 30D BODY W	£199
EOS 30D BODY C	£199
EOS 40D & 17-85mm W	£440
EOS 40D BODY W	£267
EOS 40D BODY C	£217
EOS 50D BODY C	£395
EOS 50D & 18-55mm IS C	£455
EOS 30D & 18-55mm W	£175
EOS 350D & 18-55mm W	£182
EOS 350D & 18-55mm & BG-ES C	£210
EOS 400D & 18-55mm C	£225
EOS 450D & 18-55mm IS W	£255
EOS 500D & 18-55mm IS W	£355
EOS 500D & 18-55mm IS C	£355
EOS 500D BODY W	£306
RS-80N3 W	£20
BG-E7 BATTERY GRIP C	£115
BG-E6 BATTERY GRIP C	£159
BG-E5 BATTERY GRIP C	£32
BG-E4 BATTERY GRIP C	£69
BG-E3 BATTERY GRIP C	£35
BG-E3 BATTERY GRIP W	£42
POWERSHOT 590 C	£119
POWERSHOT G10 W	£210
POWERSHOT G11 C	£245
POWERSHOT G12 W	£273
POWERSHOT G1X C	£395

POWERSHOT SX120 IS C	£70
POWERSHOT SX210 IS C	£70
IXUS 110 IS C	£70
IXUS 110 IS W	£70
IXUS 200 IS C	£75
IXUS 210 C	£65
IXUS 310 IS W	£85

### LENSES

REFURB 14mm f/2.8 USM MKI C/W	£1100
REFURB 14mm f/2.8 USM MKII C/W	£1400
10-22mm f/3.5-5.6 EF-S USM C	£495
17-85mm f/4-5.6 IS EF-S USM C	£215
17-85mm f/4-5.6 IS EF-S USM W	£215
18-135mm f/3.5-5.6 IS EF-S USM C	£257
18-200mm f/3.5-5.6 IS EF-S USM C	£302
20-35mm f/3.5-4.5 USM W	£227
24-70mm f/2.8 USM W	£950
24-105mm f/4L IS USM C	£380
28mm f/2.8 EF C	£225
28-80mm f/3.5-5.6 USM MKIV C	£58
28-80mm f/3.5-5.6 USM C	£82
28-135mm f/3.5-5.6 IS USM C	£255
28-135mm f/3.5-5.6 IS USM W	£252
35-75mm f/3.5-4.5 C	£72
40mm f/2.8 STM C	£132
55-200mm f/4.5-5.6 USM II W	£113
55-200mm f/4.5-5.6 USM II C	£115
55-200mm f/4-5.6 IS C	£160
55-250mm f/4-5.6 IS W	£160
60mm f/2.8 USM MACRO W	£278
60mm f/2.8 USM MACRO C	£275
70-200mm f/2.8L IS USM W COM SALE	£1000
70-200mm f/2.8L IS USM C	£1253
70-300mm f/4-5.6 IS USM C	£307
70-300mm f/4-5.6 IS USM DO W	£550
70-300mm f/4-5.6 IS USM C	£1100
75-300mm f/4-5.6 W	£117
75-300mm f/4-5.6 USM III W	£145

75-300mm f/4-5.6 IS USM C	£255
80-200mm f/4.5-5.6 C	£65
80-200mm f/4.5-5.6 USM C	£76
80-200mm f/4 FD W	£77
90-300mm f/4.5-5.6 USM C	£99
90-300mm f/4.5-5.6 USM W	£115
100mm f/2 USM C	£235
100-200mm f/4.5A EF W	£77
100-300mm f/4.5-5.6 USM C	£117
1.4x MKII TELECONVERTER C	£225
2x MKII TELECONVERTER C	£225
KENKO 2x MC7 TELECONVERTER C	£65

### SIGMA LENSES

SIGMA 18-50mm f/2.8 EX DC C	£153
SIGMA 28-300mm f/3.5-6.3 C	£110
SIGMA 50mm f/1.4 EX DG HSM C	£285
SIGMA 55-200mm f/4-5.6 DC W	£76
SIGMA 70-200mm f/2.8 APO HSM C	£459
SIGMA 70-300mm f/4-5.6 APO DG C	£115
SIGMA 150-500mm f/5-6.3 DG OS W	£500
150mm f/2.8 APO HSM MACRO C	£311
SIGMA 1.4x TELECONVERTER EX APO W	£125
SIGMA 2x TELECONVERTER EX APO C	£138
SAMYANG 8mm f/3.5 FISHEYE CS W	£188

### TAMRON LENSES

TAMRON 10-24mm f/3.5-4.5 Di II C	£280
TAMRON 28-75mm f/2.8 LD W	£228
TAMRON 28-75mm f/2.8 LD C	£210
TAMRON 70-300mm f/4-5.6 LD C	£62
TAMRON 70-300mm f/4-5.6 LD W	£75
TAMRON 180mm f/3.5 Di LD SP C	£550

### TOKINA LENSES

TOKINA 35mm f/2.8 DX ATX MACRO W	£235
TOKINA 28-70mm f/2.6-2.8 ATX C	£325

### FLASHGUNS

270EX FLASHGUN	£89
380EX FLASHGUN	£92
540EX FLASHGUN C	£55



**CANON EOS 7D BODY**  
APS-C SIZED SENSOR  
NEW £1099 **SAVE £314 £785**



**CANON 70-200mm**  
f/2.8L IS USM  
NEW £1846 **SAVE £593 £1253**



PLEASE NOTE THIS IS AN IMAGE OF THE IS MKII VERSION. WE'RE SELLING THE NON-IS MKI VERSION. IT'S STILL A BEAST.

**CANON 600mm**  
f/4L USM EF **£3000**

### OLYMPUS

OM-D E-M5 812-50mm W	£825
E-3 & 14-45mm C	£525
E-410 & 14-42mm C	£203
E-420 & 14-42mm W	£177
E-450 & 14-42mm W	£187
E-500 & 17.5-45mm W	£165
E-500 & 14-42mm C	£150
PEN E-PL1 & 14-42mm W	£215
PEN E-PL2 & 14-42mm W	£245
XZ1 W	£197
XZ1 C	£215
9-18mm f/4-5.6 ED 4/3RD ZUIKO C	£345

12mm f/2 Limited Edition M.ZUIKO W	£850
12-50mm f/3.5-6.3 M.ZUIKO W	£205
12-50mm f/3.5-6.3 M.ZUIKO C	£185
14-54mm f/2.8-3.5 4/3RD ZUIKO W	£250
14-42mm f/3.5-5.6 ED M.ZUIKO C	£78
17mm f/2.8 M.ZUIKO C	£167
17mm f/2.8 M.ZUIKO W	£185
40-150mm f/4-5.6 ED 4/3RD ZUIKO C	£125
50-200mm f/2.8-3.5 ED 4/3RD ZUIKO C	£425
70-300mm f/4-5.6 ED 4/3RD ZUIKO C	£215

### PANASONIC

GH2 BODY W	£375
GF2 & 14-42mm W	£245

GF2 BODY W	£210
G1 BODY W	£126
G3 & 14-42mm C	£268
NEW UNBOXED 14mm f/2.5 ASPH C/W	£129
14mm f/2.5 ASPH C	£205
20mm f/1.7 ASPH C	£205
14-140mm f/4-5.8 OIS ASPH W	£457
45-175mm f/4-5.8 OIS ASPH W	£259
45-200mm f/4-5.8 OIS ASPH W	£215
LUMIX T24 W	£37
LUMIX T26 C	£115
LUMIX L1 C	£117
LUMIX LX2 W	£85

LUMIX LX3 C	£207
LUMIX LX5 W	£227

### SONY / MINOLTA

NEX 7 & 18-55mm OOS W	£805
ALPHA A100 & 18-70mm W	£183
ALPHA A200 & 18-70mm W	£199
ALPHA A230 & 18-55mm W	£167
ALPHA A300 & 18-70mm W	£210
16mm f/2.8 NEX C	£135
50mm f/1.8 DT C	£115
18-55mm f/3.5-5.6 OSS SEL W	£102
50mm f/1.8 DT W	£105
55-200mm f/4-5.6 C	£94

MINOLTA 28-80mm f/3.5-5.6 AF W	£43
MINOLTA 35-70mm f/4 AF W	£33
MINOLTA 50mm f/1.7 AF C	£115
MINOLTA 70-210mm f/4.5-5.6 C	£50
SIGMA 10-20mm f/4-5.6 EX DC C	£285
SIGMA 19mm f/2.8 EX DN NEX W	£75
SIGMA 24-70mm f/2.8 EX DG W	£350
SIGMA 30mm f/2.8 EX DN NEX W	£75
SIGMA 170-500mm f/5-6.3 APO C	£295
TAMRON 55-200mm f/4-5.6 W	£68
KENKO 2x TELECONVERTER C	£41
LA-EA1 ADAPTER E TO ALPHA C	£106



**OLYMPUS OM-D E-M5 & 12-50mm**  
NEW £1148 **SAVE £323 £825**



**OLYMPUS 17mm**  
f/2.8 M.ZUIKO  
NEW £299 **SAVE £132 £167**



**PANASONIC 20mm**  
f/1.7 ASPH.  
NEW £249 **SAVE £44 £205**



**SONY NEX16mm**  
f/2.8 PANCAKE LENS  
NEW £199 **SAVE £64 £135**



**SONY NEX 7 & 18-55mm**  
f/3.5-5.6 OOS  
NEW £919 **SAVE £114 £805**



# Introducing LUMIX GH3

CHANGING PHOTOGRAPHY

LUMIX G

Designed from the ground up for  
seamless performance on stills & videos

16.0  
MEGA  
PIXELS

3.0"  
Screen

20 FPS

LIVE  
VIEW

1080  
HD Video

SD  
card



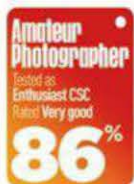
Purchase a Panasonic DMW-BGGH3 battery grip with the GH3 for  
only **£249.00**, and **RECEIVE TWO FREE BATTERIES** worth £119.98!



Meet the DMC-GH3, a new and highly evolved model from Panasonic.

The body has been engineered to incorporate a 16.05-megapixel Digital Live MOS Sensor, a 4-CPU Venus Engine, and a newly designed low-pass filter. The creative expression made possible by these innovations, which render even the finest textures in intricate detail, breaking new ground in photographic realism.

The new model also features Contrast AF with a high level of response. And its magnesium alloy frame is tightly sealed to resist splashes and dust, making the DMC-GH3 rugged enough to withstand the rigors of professional use.



Join us in our education suite on  
**25th April** & learn more about the GH3.  
See [www.ParkCameras.com/Events](http://www.ParkCameras.com/Events)

Panasonic GH3  
Body Only

NOW ONLY  
**£1,175.00**  
was £1,549.00

Panasonic GH3  
+14-140mm

NOW ONLY  
**£1,575.00**  
was £1,949.00

Panasonic GH3  
+12-35mm

NOW ONLY  
**£1,975.00**  
was £1,999.00

**Try before  
you buy!**

Please call us on 01444 23 70 60  
or visit us instore for more details.



**Panasonic**



Lumix G X Vario 35-100mm  
f/2.8 Power O.I.S

**Now only £949.00**  
was £1,045.00



Leica DG Summilux 25mm  
f/1.4 Aspherical

**Now only £429.00**  
was £523.00



Panasonic DMW-BLF19  
Battery Pack

**Now only £59.99**

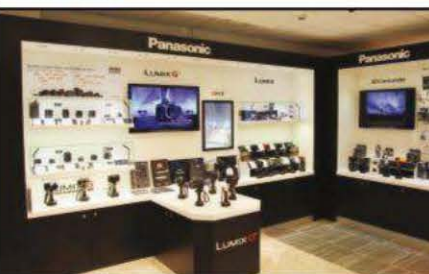


Panasonic DMW-FL360E  
Flashgun

**Now only £199.90**  
was £230.99

See website or in store for further accessories

Visit our showroom in  
Burgess Hill West Sussex  
this Spring, and try out  
the GH3 for yourself in  
our revamped interactive  
Panasonic area.



## PARKCameras



Tel: 01444 23 70 60 [www.ParkCameras.com/AP](http://www.ParkCameras.com/AP)

York Road, Victoria Business Park, Burgess Hill, West Sussex RH15 9TT

Join, Follow, Tweet & Watch us on



All prices include VAT @ 20% Opening times Mon-Sat 9:00am-5:30pm; Thursday 9:00am-7:30pm; Sunday 11:00am-4:30pm. Store address : York Road, Victoria Business Park, Burgess Hill, West Sussex RH15 9TT.  
We accept Visa, Mastercard & Maestro. All products are UK stock. E&OE. \* = Please mention "Amateur Photographer" for this special price

**Prices correct at time of going to press; Prices subject to change; check website for latest prices.**





CAMERAS   LENSES   BAGS   TRIPODS   PRINTERS   BINOCULARS   SCOPES   FLASHGUNS & LIGHTING   ACCESSORIES   TRAINING

## Canon EOS 650D

Brilliance made easy.

The EOS 650D is your first step towards a world of creative adventure and fun. With a host of special features, it blends technology with ease-of-use and is the number one choice for the entry-level user.

**Purchase a 650D & add a Gadget bag 300EG for only £34.99!**

Canon EOS 650D Body Only	<b>£529.00</b>	EOS 650D + EF-S 18-55 IS II	<b>£579.00</b>
SRP £699.99		SRP £799.99	

## Canon EOS 1100D

- 12 Megapixel CMOS sensor
- On-screen Feature Guide
- Creative Auto and Basic+
- HD Video capture
- Compact & Lightweight

EOS 1100D Body Only	<b>£285.00</b>	EOS 1100D + 18-55 IS II	<b>£359.00</b>
---------------------	----------------	-------------------------	----------------

Add a Canon LP-E10 battery for only £49.99

## Canon EOS M

Power to Generation M.

An 18-megapixel interchangeable lens compact system camera small enough to take anywhere. Enjoy simple creative controls and superb low-light performance for stunning images.

Canon EOS M + 18-55 IS	<b>£522.99*</b>	Canon EOS M + 22mm	<b>£649.00</b>
SRP £769.99		SRP £879.99	

## Canon EOS 600D

- 18 Megapixel CMOS sensor
- Scene Intelligent Auto mode
- Full HD movies
- Up to 3.7fps shooting
- 3.0" Vari-angle LCD Screen

EOS 600D Body Only	<b>£399.00</b>	EOS 600D + 18-55 IS II	<b>£489.00</b>
--------------------	----------------	------------------------	----------------

Add a Canon BG-E8 battery grip for only £109.99

## Canon EOS 60D

- 18 Megapixel CMOS sensor
- Advanced creative features
- Full HD movies
- ISO 100-6400, H:12800
- 3.0" Vari-angle LCD Screen

EOS 60D Body Only	<b>£609.00</b>	EOS 60D + 17-85 IS	<b>£845.00</b>
-------------------	----------------	--------------------	----------------

Purchase the EOS 60D between 7<sup>th</sup> March & 31<sup>st</sup> May 2013 and claim **£65 cashback** from Canon.

## Canon EOS 7D

- 18 Megapixel CMOS sensor
- Up to 8fps shooting
- Full HD movies
- Magnesium alloy body
- 3.0" Clear View II LCD

EOS 7D Body Only	<b>£1,059.00</b>	EOS 7D + 17-40 L	<b>£1,638.00</b>
------------------	------------------	------------------	------------------

Purchase the EOS 7D between 7<sup>th</sup> March & 31<sup>st</sup> May 2013 and claim **£80 cashback** from Canon.

## Canon EOS 5D Mark III

- 22.3 megapixel full-frame sensor
- 61-point AF
- 6 fps continuous shooting
- ISO 100-25,600 sensitivity
- Full-HD video with manual control

EOS 5D Mk III Body Only	<b>£2,335.00</b>	EOS 5D III + 24-105 IS USM	<b>£2,975.00</b>
-------------------------	------------------	----------------------------	------------------

Purchase the EOS 5D Mk III between 7<sup>th</sup> March & 31<sup>st</sup> May 2013 and claim **£160 cashback** from Canon.

## Canon EOS-1D X

- 18.1 MP full frame sensor
- Up to 12fps
- 100-51200 ISO, up to H:204800
- 61 point AF system
- Full HD 1080p EOS movie

EOS-1D X Body Only	<b>£4,879.00</b>	See website for bundle deals with the EOS-1D X	
--------------------	------------------	--	--

Add a Canon LP-E4N battery for only £139.99

## Canon PowerShot G1X

- 14.3 MP CMOS sensor
- HS System with DIGIC 5
- 4x Optical Zoom
- 3.0" Vari-angle LCD Screen
- Full HD Movie

PowerShot G1X	<b>£479.00</b>	See website for bundle deals with the G1 X	
---------------	----------------	--	--

Purchase the G1X between 7<sup>th</sup> March & 31<sup>st</sup> May 2013 and claim **£30 cashback** from Canon.

For all the latest new products this Spring, visit [www.ParkCameras.com/AP](http://www.ParkCameras.com/AP) or be first in the know and sign up to our e-newsletter

## CANON LENSES

14mm f/2.8L II USM	<b>£1,809.00</b>	200mm f/2.8L USM/2	<b>£609.00</b>	EF-S 18-135mm IS STM	<b>£344.00</b>
20mm f/2.8 USM	<b>£389.00</b>	300mm f/2.8L USM IS II	<b>£5,145.00</b>	EF-S 18-200mm f/3.5-5.6 IS	<b>£399.00</b>
24mm f/1.4L Mk II USM	<b>£1,269.00</b>	300mm f/4.0L USM IS	<b>£1,099.00</b>	24-70mm f/2.8L II USM	<b>£1,795.00</b>
24mm f/2.8 IS USM	<b>£585.00</b>	400mm f/2.8L USM IS II	<b>£8,295.00</b>	24-70mm f/4.0L IS USM	<b>£1,299.00</b>
28mm f/1.8 USM	<b>£369.00</b>	400mm f/4.0 DO L USM IS	<b>£5,195.00</b>	24-105mm f/4.0L IS USM	<b>£822.00</b>
28mm f/2.8 IS USM	<b>£559.00</b>	400mm f/5.6L USM	<b>£1,058.00</b>	24-105mm IS (out of kit)	<b>£679.99</b>
35mm f/1.4L USM	<b>£1,089.00</b>	500mm f/4.0L USM IS II	<b>£7,765.00</b>	28-135mm f/3.5-5.6 USM IS	<b>£359.00</b>
35mm f/2.0	<b>£208.00</b>	600mm f/4.0L USM IS II	<b>£10,579.00</b>	28-300mm f/3.5-5.6L IS USM	<b>£2,095.00</b>
35mm f/2.0 IS USM	<b>£699.00</b>	800mm f/5.6L IS USM	<b>£9,739.00</b>	EF-S 55-250mm f/4-5.6 IS II	<b>£199.00</b>
40mm f/2.8 STM	<b>£164.00</b>	TSE 17mm f/4.0L	<b>£1,866.00</b>	70-200mm f/2.8L IS II USM	<b>£1,849.00</b>
50mm f/1.2 L USM	<b>£1,199.00</b>	TSE 24mm f/3.5L II	<b>£1,642.00</b>	70-200mm f/2.8L USM	<b>£979.00</b>
50mm f/1.4 USM	<b>£279.00</b>	TSE 45mm f/2.8	<b>£1,099.00</b>	70-200mm f/4.0L IS USM	<b>£929.00</b>
50mm f/1.8 II	<b>£88.00</b>	TSE 90mm f/2.8	<b>£1,099.00</b>	70-200mm f/4.0L USM	<b>£499.00</b>
50mm f/2.5 Macro	<b>£227.00</b>	8-15mm f/4L Fisheye USM	<b>£1,069.00</b>	70-300mm f/4.0-5.6 IS USM	<b>£368.00</b>
EF-S 60mm f/2.8 Macro	<b>£349.00</b>	EF-S 10-22mm f/3.5-4.5 USM	<b>£619.00</b>	70-300mm f/4.0-5.6L IS USM	<b>£1,129.00</b>
MP-E 65mm f/2.8	<b>£808.00</b>	EF-S 15-85mm f/3.5-5.6 IS USM	<b>£549.00</b>	70-300mm f/4.5-5.6 DO IS USM	<b>£1,099.00</b>
85mm f/1.2L II USM	<b>£1,669.00</b>	16-35mm f/2.8L II USM	<b>£1,139.00</b>	75-300mm f/4.0-5.6 Mk III	<b>£189.00</b>
85mm f/1.8 USM	<b>£299.00</b>	17-40mm f/4.0L USM	<b>£579.00</b>	75-300mm f/4.0-5.6 USM III	<b>£229.00</b>
100mm f/2 USM	<b>£359.00</b>	EF-S 17-55mm f/2.8 IS USM	<b>£749.00</b>	100-400mm f/4.5-5.6L USM IS	<b>£1,229.00</b>
100mm f/2.8 USM Macro	<b>£422.00</b>	EF-S 17-85 f/4.0-5.6 IS USM	<b>£334.00</b>	200-400mm f/4.0L USM IS	<b>TBC</b>
100mm f/2.8L Macro IS USM	<b>£699.00</b>	EF-S 17-85 IS (No packaging)	<b>£269.99</b>	1.4x III Extender	<b>£395.00</b>
135mm f/2.0L USM	<b>£869.00</b>	EF-S 18-55mm f/3.5-5.6 IS II	<b>£133.00</b>	2x III Extender	<b>£389.00</b>
180mm f/3.5L USM Macro	<b>£1,189.00</b>	EF-S 18-55mm IS II (No packaging)	<b>£75.00</b>	EF 12 II Extension Tube	<b>£79.99</b>
200mm f/2.0L IS USM	<b>£4,495.00</b>	18-135mm IS (No packaging)	<b>£299.99</b>	EF 25 II Extension Tube	<b>£139.99</b>

## CANON PRINTERS

### Canon PIXMA Pro-100

The printer your images deserve

- Up to A3+ prints
- 8-ink system
- Fast printing
- Quality grayscale prints

**Now Only £368.00**

Was £469.00

### Canon PIXMA Pro-10

The printer your images deserve

- Up to A3+ prints
- 10 pigment inks
- Wi-Fi certified
- Professional colour and mono prints

**Now Only £519.00**

Was £649.00

### Canon PIXMA Pro-1

The printer your images deserve

- Up to A3+ prints
- 12-ink system
- Fast printing
- Quality colour & grayscale prints

**Now Only £645.00**

Was £799.00

## COMPACTS

For money saving deals with memory & cases, visit our website. Prices are updated DAILY. See our website for the latest low price on compact cameras.

### Canon PowerShot SX260 HS

- Zoom in on every moment
- 12.1 Megapixels
- 20x Optical Zoom

**Now Only £179.00**

Was £329.00

### Canon IXUS 140

- Get close, stay closer
- 16.0 Megapixels
- 8x Optical Zoom

**See web for latest price**

SRP £159.00 New & now in stock!

### Wi-Fi enabled

### Canon IXUS 510 HS

- Stylish and well connected
- 10.1 Megapixels
- 12x Optical Zoom

**Now Only £179.00**

Was £349.00

### Wi-Fi enabled

### Canon PowerShot D20

- One camera. Endless adventures
- Water, shock, freeze & dustproof
- 12.1 Megapixels

**Now Only £259.00**

Was £349.00

### Canon PowerShot S110

- Pocketable performance
- 12.1 Megapixels
- 5x Optical Zoom

**Now Only £339.00**

Was £429.99

### Canon PowerShot G15

- The fast, bright expert compact
- 12.1 Megapixels
- 5x Optical Zoom

**Now Only £419.00**

Was £549.99



# PARKCameras



Visit our state of the art  
showroom in West Sussex, less  
than 15 miles from Brighton

York Road, Victoria Business Park,  
Burgess Hill, West Sussex, RH15 9TT

## CAMERAS

## LENSES

## BAGS

## TRIPODS

## PRINTERS

### Nikon D3100



£30  
Cashback

14.2 MEGA PIXELS  
3.0" Screen  
3 FPS  
LIVE VIEW  
1080p Full HD  
D3100 Body Only £266.00  
D3100 + 18-55 VR £319.00  
D3100 + 18-55 VR + batt £339.00

Purchase the D3100 between 14.03. & 31.05 & claim £30 cashback from Nikon.

### Nikon D5100



£40  
Cashback

16.2 MEGA PIXELS  
3.0" Screen  
4 FPS  
LIVE VIEW  
1080p Full HD  
D5100 Body Only £349.00  
D5100 + 18-55 VR £429.00  
D5100 Twin Kit £599.00

Purchase the D5100 between 14.03. & 31.05 & claim £40 cashback from Nikon.

### Nikon D3200



£40  
Cashback

24.2 MEGA PIXELS  
3.0" Screen  
4 FPS  
LIVE VIEW  
1080p Full HD  
D3200 Body Only £369.00  
D3200 + 18-55 VR £439.00  
See website for D3200 in Red!

Purchase the D3200 between 14.03. & 31.05 & claim £40 cashback from Nikon.

### Nikon D90



12.3 MEGA PIXELS  
3.0" Screen  
4 FPS  
LIVE VIEW  
JPEG Movie  
D90 Body Only £419.00  
D90 + 18-105 VR £559.00  
D90 + 18-105 VR + batt £619.00

Add a Nikon EN-EL3e spare battery for only £54.99

### Nikon D7000



£100  
Cashback

16.2 MEGA PIXELS  
3.0" Screen  
6 FPS  
LIVE VIEW  
1080p Full HD  
D7000 Body Only £642.00  
D7000 + 18-105 VR £789.00  
D7000 + EN-EL15 £696.00

Purchase the D7000 between 14.03. & 31.05 & claim £100 cashback from Nikon.

### Nikon D7100



24.1 MEGA PIXELS  
3.2" Screen  
6 FPS  
LIVE VIEW  
1080p Full HD  
NEW & NOW IN STOCK  
See website for details & our latest low prices!

### Nikon D600



£150  
Cashback

24.3 MEGA PIXELS  
3.2" Screen  
5.5 FPS  
LIVE VIEW  
1080p Full HD  
D600 Body Only £1,450.00  
D600 + 24-85 VR £1,823.00  
D600 + SB-910 £1,769.99

Purchase the D600 between 14.03. & 31.05 & claim £150 cashback from Nikon.

### Nikon D800



36.3 MEGA PIXELS  
3.2" Screen  
4 FPS  
LIVE VIEW  
1080p Full HD  
D800 Body Only £1,929.00  
D800 + 24-120 VR £2,758.00  
D800 + EN-EL15 £1,983.00

For a range of money saving deals with selected Nikon cameras, visit us instore

### Nikon D4



16.2 MEGA PIXELS  
3.0" Screen  
11 FPS  
LIVE VIEW  
1080p Full HD  
D4 Body Only £4,249.00  
D4 + AF-S 85mm f/1.8 £4,618.98  
D4 Body + EN-EL18 £4,368.98

### Nikon 1 V2



14.2 MEGA PIXELS  
3.0" Screen  
60 FPS  
SD card  
1080p Full HD  
V2 Body Only See web  
V2 + 10-30 VR £679.00  
V2 + 10-30 VR + 30-110 £869.00

Add a Nikon SN-N7 Speedlite for only £146.99

### Nikon 1 S1



10.1 MEGA PIXELS  
3.0" Screen  
60 FPS  
SD card  
1080p Full HD  
SPECIAL OFFER!  
Nikon S1 + 11-27.5mm  
+ FREE Nikon 16GB SDHC card  
+ FREE Lowepro Dashpoint 20 case  
+ FREE Manfrotto MP3-D02 Tripod  
ALL THIS FOR ONLY  
£469.00

See website for details

### Nikon COOLPIX A



16.2 MEGA PIXELS  
3.0" Screen  
4 FPS  
WIDE ANGLE  
1080p Full HD  
NEW & DUE IN STOCK  
LATE MARCH 2013.  
See website for details

See website for details

## NIKON LENSES

AF-G 10.5mm f/2.8 ED DX £549.00	35mm f2 AF Nikkor D £262.99	AF-D 85mm f/1.8D £299.00	AF-S 300mm f/2.8 ED VR II £4,109.99	AF-S 16-85mm f/3.5-5.6 DX VR £447.99	AF-S 24-85mm ED VR £419.00
AF-D 14mm f/2.8D £999.99	35mm f/1.8 AF-S DX £154.99	AF-S 85mm f/1.8G £379.99	AF-S 300mm f/4 D IF-ED £1,046.00	AF-S 17-35mm f/2.8 IF-ED £1,499.00	AF-S 24-120mm f/4G ED VR £829.00
AF-D 16mm f/2.8D Fisheye £635.00	AF-S 40mm f/2.8G ED Micro £186.99	AF-S 85mm f/1.4G £1,209.00	AF-S 400mm f/2.8G ED VR £6,595.00	AF-S 17-55mm f/2.8G IF-ED £1,049.00	AF-S 28-300mm ED VR £639.00
AF-D 20mm f/2.8 £470.99	PC-E 45mm f/2.8D ED £1,399.99	AF-S 105mm f/2.8G VR IF-ED £629.00	AF-S 500mm f/4G ED VR £5,975.00	AF-S 18-35mm f/3.5-4.5 G-ED See web	AF-S 55-200mm f/4-5.6G £199.99
AF-D 24mm f/2.8 £329.00	AF 50mm f/1.4 £245.99	PC-E 85mm f/2.8D ED £1,339.00	AF-S 600mm f/4G ED VR £7,245.00	AF-S DX 18-55 f/3.5-5.6 II £127.99	AF-S 55-200mm f/4-5.6G VR £143.99
AF-D 24mm f/1.4G ED £1,494.00	AF-S 50mm f/1.4G £278.00	AF-DC 105mm f/2 Nikkor £821.99	AF-S 800mm f/5.6 FL ED VR See web	AF-S 18-105mm f/3.5-5.6G VR £234.99	AF-S DX 55-300mm VR £265.00
PC-E 24mm f/3.5D ED £1,493.99	AF-D 50mm f/1.8 £112.99	AF-D 135mm f/2.0D £1,029.00	AF-S 10-24mm f/3.5-4.5G DX £644.00	AF-S 18-200mm ED DX VR II £599.00	AF-S 70-200mm f/2.8 VR II £1,629.00
AF-D 28mm f/2.8 £245.99	AF-S 50mm f/1.8G £164.00	AF-D 180mm f/2.8 IF ED £709.00	AF-S DX 12-24mm f/4 G IF-ED £809.00	AF-S 18-300mm ED VR DX £679.99	AF-S 70-200mm f/4.0 VR £1,099.99
AF-S 28mm f/1.8G £509.99	AF-S 60mm f/2.8G Micro ED £411.00	AF-D 200mm f/4D IF ED £1,194.00	AF-S 14-24mm f/2.8G ED £1,344.00	AF-S 24-70mm f/2.8G ED £1,249.00	AF-S 70-300mm IF ED VR £399.99
AF-S 35mm f/1.4G £1,319.99	AF-S 85mm f/3.5G DX Micro £375.00	AF-S 200mm f/2G ED VR II £4,109.00	AF-S 16-35mm f/4G ED VR £862.99	AF-D 24-85mm f/2.8-4 £559.99	AF-D 80-400mm ED VR £1,269.99

## THE BEGINNING OF THE NEW

### OM-D

OLYMPUS OM-D

16.1 MEGA PIXELS  
3.0" Screen  
9 FPS  
LIVE VIEW  
1080p Full HD  
NEW LOW PRICE!

OM-D E-M5 Body Only  
now only £849.00\*  
was £999.00

OM-D E-M5 + 12-50mm lens  
now only £999.00\*  
was £1,149.00

Visit us in store or online to see how you can get a FREE CASE & BATTERY worth £159.98!

## OLYMPUS

### E-PM2



16.1 Megapixels  
Fast AF & touch release  
Easy, intuitive operation  
12 Art Filters  
Olympus Image Share  
FREE 8GB FlashAir Card!

E-PM2 Body Only £399.00

E-PM2 + 14-42 £475.00

### E-PM1



12.3 Megapixels  
Ultra small, stylish design  
Easy, intuitive operation  
Integrated Live Guide

E-PM1 + 14-42 40-150 kit £299.00

Limited number available at this price!

## OLYMPUS

### E-PL5



16.1 Megapixels  
Best in class image quality  
Fast AF & touch release  
3.0" tilt LCD display  
12 Art Filters & Art Effects  
FREE 8GB FlashAir Card!

E-PL5 Body Only £549.00

E-PL5 + 14-42 £579.00

### XZ-2



12 Megapixels  
Extra-bright zoom lens  
Easy, intuitive operation  
4x Optical Zoom

XZ-2 Black £419.95

See website for bundle deals

VG-170 (Black / White) £64.99	Tough TG-830 £249.00	SP-820UZ £199.99
VG-170 (Black / Red) £89.00	Tough TG-2 (Black / Red) £349.00	SZ-15 £179.00
VR-370 £129.00	SP-720UZ (Black / Silver) £149.99	SH-50 £249.00
Tough TG-630 £169.00	SP-810UZ £179.00	XZ-10 £349.00

For the latest new Olympus compact digital cameras, please see our website

## USED EQUIPMENT

Updated DAILY! See web for details

### Fujifilm



X-S1

AP Price £329.00

was £349.00

### Canon



EOS 5D

from £449.00

see web for details

### Nikon



D300s

AP Price £699.00

was £779.00

### Sigma



300-800mm

AP Price £3,599.00

was £3,799.00

## Panasonic DMC-GF5



12.1 Megapixels  
Stylish, Compact Design  
Ultra high-speed AF  
Full HD Video Recording  
3.0" Touch-screen LCD  
Lumix GF5 Body Only £269.00\*

Add a Panasonic DMW-BLE9e batt. for only £51.99

## Panasonic DMC-G5



16.05 Megapixels  
Stylish, Compact Design  
6fps shooting  
Full HD Video Recording  
3.0" Touch-screen LCD  
Lumix G5 Body Only £469.00

Add a Panasonic DMW-BLC-12e batt. for only £56.99

## Panasonic DMC-GX1



16.0 Megapixels  
Small & Lightweight body  
Easy Manual Control  
3.0" LCD Touch-screen  
Full HD Video Recording  
Lumix GX1 Body Only £279.00

Add a Panasonic 45-175mm O.I.S for only £314.99

## Panasonic DMC-FZ150



12.1 megapixels  
25mm wide-angle lens  
24x Optical Zoom  
12 fps high speed shooting  
Full HD Video Recording  
DMC-FZ150 £279.00

See our review at blog.parkcameras.com

## Panasonic DMC-LX7



10.1 megapixels  
24mm wide-angle lens  
3.8x Optical Zoom  
Full Manual Control  
Full HD Video Recording  
DMC-LX7 £349.00

Add a Panasonic 45-175mm O.I.S for only £314.99

## Panasonic DMC-TZ40



18.1 megapixels  
20x optical zoom  
Hybrid O.I.S  
Wi-Fi\* Connectivity  
3.0" LCD Screen  
DMC-TZ40 £279.00

NEW & NOW IN STOCK! See web for details

DMC-S5 Black £79.00	DMC-SZ7 £144.00	DMC-FZ150 £279.00
DMC-L56 £59.00	DMC-SZ9 £199.99	DMC-TZ35 £249.00
DMC-FS40 £69.00	DMC-LZ30 £199.99	DMC-TZ40 £329.99
DMC-FS45 £84.00	DMC-FX80 £149.00	DMC-FZ62 £269.00
DMC-XS1 £111.00	DMC-FZ5 £349.99	DMC-LX5 £239.99

For the latest new Panasonic compact digital cameras, please see our website

## GoPro Hero 3: Black Edition

Be a HERO.

The Wi-Fi enabled HERO3: Black Edition is the most advanced GoPro, ever.

Small & lightweight  
Improved Sharpness, Less Distortion  
Redesigned Audio System  
Rugged housing is waterproof to 60m



New & in stock

at £359.99

## Sign-up to our newsletter

Sign-up to our weekly newsletter to get exclusive promotions, bespoke offers and information on the latest products





Visit our website - updated daily  
**www.ParkCameras.com/AP**  
 or e-mail us for sales advice using  
**sales@parkcameras.com**

Phone one of our knowledgeable sales advisors  
**Monday - Saturday (9:00am - 5:30pm) or Sunday (10:30am - 4:30pm)**

**01444 23 70 60**



BINOCULARS

SCOPES

FLASHGUNS  
& LIGHTING

ACCESSORIES

TRAINING

# SIGMA

Sigma is a world leader in the optical field with top quality lenses available in Sigma, Canon, Nikon, Pentax, Sony and Four Thirds fits. See below to find a lens for you - at LOW PARK CAMERAS PRICES!!



Why not take a visit to our showroom in West Sussex, bring your own DSLR, and test out a Sigma lens!

## SIGMA

35mm f/1.4 DG HSM

Many avid photographers will prefer this 35mm lens to the more conventional 50mm. Using a leading edge design and state-of-the-art production technology, the performance of this lens has been honed to the point where it can do full justice to the expressive power of the very latest digital cameras.



**Only £759.99** Sigma 67mm DG MC UV filter only £24.99 with this lens!

SRP £799.99

### FIXED FOCAL LENGTH LENSES

4.5mm f/2.8 EX DC HSM (Fisheye)	<b>£592.00</b>
8mm f/3.5 EX DG (Fisheye)	<b>£618.99</b>
10mm f/2.8 EX DC HSM (Fisheye)	<b>£489.00</b>
15mm f/2.8 EX DG (Fisheye)	<b>£479.99</b>
20mm f/1.8 EX DG	<b>£519.99</b>
24mm f/1.8 EX DG	<b>£432.99</b>
28mm f/1.8 EX DG	<b>£359.99</b>
30mm f/1.4 EX DC HSM	<b>£299.00</b>
50mm f/1.4 EX DG HSM	<b>£379.00</b>
50mm f/2.8 EX DG Macro	<b>£269.00</b>
70mm f/2.8 EX DG Macro	<b>£369.00</b>
85mm f/1.4 EX DG HSM	<b>£669.00</b>
105mm f/2.8 EX DG OS HSM	<b>£549.00</b>
150mm f/2.8 EX DG OS HSM	<b>£699.00</b>
300mm f/2.8 APO EX DG HSM	<b>£2,319.99</b>
500mm f/4.5 APO EX DG HSM	<b>£3,849.99</b>
800mm f/5.6 APO EX DG HSM	<b>£4,349.99</b>

See our website for the new 19mm, 30mm & 60mm Micro 4/3 lenses

### WIDE ZOOM LENSES

8-16mm f/4-5.6 DC HSM	<b>£549.00</b>
10-20mm f/4-5.6 EX DC HSM	<b>£369.00</b>
10-20mm f/3.5 EX DC HSM	<b>£459.00</b>
12-24mm f/4.5-5.6 DG HSM II	<b>£679.00</b>
17-50mm f/2.8 EX DC OS HSM	<b>£489.00</b>
17-70mm f/2.8-4 DC Macro OS	<b>£279.00</b>
<b>STANDARD ZOOM LENSES</b>	
18-125mm f/3.8-5.6 DC OS HSM	<b>£229.99*</b>
18-200mm f/3.5-6.3 DC OS HSM II	<b>£279.00</b>
18-250mm f/3.5-6.3 DC OS HSM	<b>£329.00*</b>
24-70mm f/2.8 EX DG HSM	<b>£599.00</b>
<b>TELEPHOTO ZOOM LENSES</b>	
50-150mm f/2.8 APO EX DC HSM II	<b>£749.00</b>
50-200mm f/4-5.6 DC OS HSM	<b>£99.99</b>
50-500mm f/5-6.3 DG OS HSM	<b>£999.00</b>
70-200mm f/2.8 EX DG OS HSM	<b>£899.00</b>
70-300mm f/4-5.6 DG Macro	<b>£99.99</b>

## SIGMA

17-70mm

f/2.8-4 DC Macro OS HSM  
 Mainly used for general-purpose photography, this everyday lens covers a range equivalent to 25.5-105mm on a 35mm camera.

A large-aperture lens that opens up to f/2.8, it's surprisingly compact in size.



**Coming Soon!**

SRP £449.99

Pre-order and receive a free Sigma 72mm DG MC UV filter

### 70-300mm f/4-5.6 APO DG Macro

70-300mm f/4-5.6 DG OS	<b>£289.00</b>
120-300mm f/2.8 EX DG OS HSM	<b>£1,549.00</b>
120-400mm f/4.5-5.6 DG OS HSM	<b>£639.00</b>
150-500mm f/5-6.3 DG OS HSM	<b>£749.00</b>
200-500mm f/2.8 EX DG APO	<b>£12,799.99</b>
300-800mm f/5.6 EX DG HSM	<b>£5,489.99</b>

### TELECONVERTERS

1.4x EX DG Teleconverter	<b>£199.99</b>
2x EX DG Teleconverter	<b>£234.99</b>

### 18-250mm f/3.5-6.3 DC Macro OS HSM

Special AP Price  
**£329.00\***

**SIGMA**



## SIGMA

120-300mm f/2.8 DG OS HSM

Although high-function digital cameras now deliver improved picture quality at high-ISO settings, adjusting your lens to a large aperture is still the most effective strategy for action shots. And even if you have to take the shots from a less-than-ideal position, as is so often the case when shooting sports or on-stage action, this zoom lens, with its maximum focal length of 300mm, lets you open up the aperture all the way to f/2.8.



**Coming Soon!**

SRP £3,599.99

Pre-order and receive a free Sigma 105mm DG MC UV filter

## SD1 - Merrill

- ▶ 46 megapixel, 23.5 x 15.7mm Full-colour Foveon X3 Merrill sensor
- ▶ Magnesium Alloy Body
- ▶ TRUE II image processing engine
- ▶ Weather & Dust Resistant



**IN STOCK!**

SRP £1,839.99

Body Only **£1,549.99**  
 See website for further money saving offers

## DP1 / DP2 - Merrill

- ▶ Foveon X3 Merrill Sensor
- ▶ 46 Megapixels
- ▶ 19mm f/2.8 (DP1) 30mm f/2.8 (DP2)
- ▶ Dual True II Engine
- ▶ 3.0" LCD Screen



**Now available!**

SRP £719

Visit our website for full details and to place an order

**For Sigma Filters, Flashguns, Grips and other accessories, visit us instore or online**

## PENTAX K-30

Visit us in store to try before you buy!



- ▶ 16 MP CMOS sensor
- ▶ Weather resistant body
- ▶ Full HD Video
- ▶ 6 frames/sec
- ▶ 3" LCD screen

K-30 +18-55 WR **£529.00**

Add a SanDisk 16GB Extreme HD Video SD for **£21.99**

## PENTAX K-5 II

Visit us in store to try before you buy!



- ▶ 16.3 MP CMOS sensor
- ▶ Weatherproof body
- ▶ Full HD Video
- ▶ 7 frames/sec
- ▶ 3" LCD screen

K-5 II Body Only **£729.00**

Add a Pentax D-L109 battery for only **£48.99**

## FUJIFILM X100s

- ▶ 16.3MP APS-C CMOS sensor
- ▶ 23mm f/2 prime lens
- ▶ Stylish yet functional design
- ▶ Optical & electronic viewfinder
- ▶ Full HD 1080 video shooting

**LIMITED NUMBERS NOW IN STOCK!**

Add a Fujifilm NP-95 battery for only **£37.99**

## SAMSUNG NX20

- ▶ 20.3 megapixels
- ▶ 1/8000 Fast Shutter
- ▶ High Speed Capture
- ▶ Wi-Fi Connectivity
- ▶ 3.0" AMOLED Screen

NX20 +18-55mm **£699.00**

Free Galaxy Tab 2 available on purchases up to 30.04.13.

## FUJIFILM X-Pro 1

- ▶ 16MP APS-C CMOS sensor
- ▶ Fujifilm X Mount
- ▶ Full manual controls
- ▶ 2nd generation Hybrid VF
- ▶ EXR Processor Pro

X-PRO 1 **£1,059.00**

Up to £350 cashback with selected lenses. See web.

## SAMSUNG NX1000

- ▶ 20.3 megapixel APS-C sensor
- ▶ 8 frames per second
- ▶ Instant sharing via Wi-Fi
- ▶ 1080p Full-HD movie mode
- ▶ Premium Metal Design

NX-1000 +20-50mm **£379.00**

Free Galaxy Tab 2 from Park Cameras whilst stocks last!

# SAMYANG



7.5mm f/3.5 Fisheye

Our Price **£229.00**



8mm f/2.8 Fisheye

Our Price **£249.00**



8mm f/3.5 Fisheye

Our Price **£269.00**



8mm T/3.5 VDSLR

Our Price **£309.00**



14mm f/2.8 IF ED UMC

Our Price **£309.00**



14mm T/3.1 VDSLR

Our Price **£329.00**



24mm f/1.4 ED AS UMC

Our Price **£499.00**



24mm T/1.5 VDSLR

Our Price **£549.00**



35mm f/1.4 AS UMC

Our Price **£399.00**



35mm T/1.5 VDSLR

Our Price **£429.00**



85mm f/1.4 IF MC

Our Price **£259.00**



85mm T/1.5 VDSLR

Our Price **£299.00**



**SAMYANG LENSES - NEW TO PARK CAMERAS!**

Visit us in store, or see our website for full details.



# Mifsuds

.COM

FAMILY RUN SINCE 1954



Mail Order :  
**01803 852400**

Email - [info@mifsuds.com](mailto:info@mifsuds.com)[www.mifsuds.com](http://www.mifsuds.com)

27-29, Bolton Street, Brixham, Devon. TQ5 9BZ.

PHONE LINES OPEN

**MON - FRI 8am - 7pm,****SAT 9am - 5pm,  
SUN 10am - 1pm.****SHOP OPEN****MON - SAT 9am - 5pm,  
SUN 10am - 1pm.**

# Canon

## MIFSUDS ARE CANON PROFESSIONAL STOCKISTS

**EOS DSLRS**

1DX body ..... £4849



5D MKIII body..... £2315

5D MKIII + 24-105 IS .. £2959

6D body ..... £1599



6D + 24-105 IS £2179

6D + 24-70 F4 IS ..... £2898

650D body .... £515



650D

+ 18-55 IS II ... £569

650D + 18-135 IS STM .. £829

600D + 18-135 IS..... £599

**COMPACT CAMERAS**

G1X.....£479 G15 ..... £439

SX50.....£369

**EF-S NON FULL FRAME LENSES**

10-22 F3.5/4.5 USM ..... £614

15-85 F3.5/5.6 IS U no box £549

17-55 F2.8 IS USM ..... £769

17-85 f4/5.6 IS USM unboxed £379

18-55 F3.5/5.6 IS unboxed £129

18-135 F3.5/5.6 IS STM ..... £347

18-135 F3.5/5.6 IS U no box £279

18-200 F3.5/5.6 ..... £419

55-250 F4/5.6 IS II ..... £239

60 F2.8 Macro USM ..... £339

**EF LENSES**

8-15 F4 L USM Fisheye ..... £1079

14 F2.8 LII ..... £1769

16-35 F2.8 MKII L USM ..... £1119

17 F4 TSE L ..... £1847

17-40 F4 USM L ..... £599

20 F2.8 USM ..... £377

24 F1.4 L II USM ..... £1189

24 F2.8 IS U ..... £577

24 F2.8 ..... £347

24 F3.5 L TSE MKII ..... £1599

24-70 F2.8 L II USM ..... £1749

24-70 F4 L IS U ..... £1299

24-105 F4 L IS USM unboxed ..... £699

28 F1.8 USM ..... £354

28 F2.8 IS U ..... £569

35 F1.4 L USM ..... £1067

35 F2 IS USM ..... £729

35 F2 ..... £189 40 F2.8 ..... £159

50 F1.2 L USM ..... £1169

50 F1.4 U ..... £269 50 F1.8 II ..... £87

65 F2.8 MPE ..... £799

70-200 F2.8 IS USM LII ..... £1829

70-200 F2.8 non IS L USM ..... £939

70-200 F4 L IS USM ..... £869

70-200 F4 L USM ..... £479

70-300 F4/5.6 L IS USM ..... £1129

70-300 F4.5/5.6 IS USM ..... £419

85 F1.2 L II ..... £1599

85 F1.8 USM ..... £299

100 F2.8 IS L USM macro ..... £689

100 F2.8 Macro USM ..... £429

100-400 F4.5/5.6 IS L USM ..... £1177

135 F2 L USM ..... £889

180 F3.5 L USM Macro ..... £1149

200 F2 L IS ..... £4499

200 F2.8 II L USM ..... £597

300 F2.8 LII IS USM ..... £4999

300 F4 L IS USM ..... £1089

400 F2.8 IS L II USM ..... £8199

400 F4 IS U DO ..... £5149

400 F5.6 L USM ..... £1039

500 F4 IS LII USM ..... £7699

600 F4 IS LII USM ..... £10499

Ext tube 12II ..... £79

Ext tube 25II ..... £129

1.4x III or 2x III converter ea £399

**FLASH & ACCESSORIES**

Angle finder C ..... £219

BG-E5 grip (450D) ..... £107

BG-E6 grip (5D MKII) ..... £187

BG-E7 grip (7D) ..... £139

BG-E8 grip (550D) ..... £115

BG-E9 grip (60D) ..... £129

BG-E11 grip (5D MKIII) ..... £277

BG-E13 grip (6D) ..... £249

LP-E4 ..... £159 LP-E6 ..... £80

MR 14EX Ringlight ..... £469

MT-24EX ..... £789

320EX ..... £185

430 EX II ..... £199

600EX RT ..... £459

CP-E4 compact battery pack ..... £149

Off camera shoe cord OC-E3 ..... £59

LC-5 wireless set ..... £449

GP-2 GPS receiver ..... £299

RS-80N3 ..... £49

ST-E3 Transmitter ..... £309

ST-E2 Transmitter ..... £239

TC-80N3 ..... £149

U.K.  
Stock  
Only

# Nikon

**DIGITAL SLRS**

D4 body ..... £4249

D800 body ..... £1919

D800E body ..... £2349

D600 body ..... £1469

D7000 body ..... £639

D7000 + 18-105 VR ..... £799

D5200 body ..... £639

D5200 + 18-55 VR ..... £679

D5200 + 18-105 VR ..... £799

D3200 body ..... £384

D3200 + 18-55 VR ..... £429

**D7100 body £1099****NEW!****D7100 +****18-105 VR £1299****COMPACT CAMERAS**

P520 ..... £399 AW110 ..... £329

S9500 ..... £299 P7700 ..... £419

**DIGITAL ONLY LENSES**

10.5 F2.8 DX ..... £549

10-24 F3.5/4.5 G AFS DX ..... £629

12-24 F4 DX ..... £859

16-85 F3.5/5.6 AFS VR DX ..... £469

17-55 F2.8 DX ..... £1099

18-105 F3.5-5.6G ED VR ..... £197

18-300 F3.5/5.6 G ED VR DX ..... £669

35 F1.8 G DX ..... £169

40 F2.8 AFS G DX ..... £189

55-300 F4.5/5.6 G VR DX ..... £289

85 F3.5 G VR DX ..... £399

**LENSES**

14 F2.8 AFD ONE ONLY ..... £999

14-24 F2.8 G ED AFS ..... £1337

16 F2.8 AFD Fisheye ..... £699

16-35 F4 AFS VR ..... £859

18-35 F3.5/4.5 G AFS ..... £669

18-55 F3.5/5.6 VR ..... £99

20 F2.8 AFD ..... £489

24 F1.4 AFS G ..... £1589

24 F3.5 PCE ..... £1499

24-70 F2.8 G ED AFS ..... £1239

24-85 F3.5/4.5 G ED VR ..... £429

24-120 F4 G ED VR ..... £849

28 F1.8 AFD ..... £519

28-300 F3.5/5.6 G ED VR ..... £659

35 F1.4 G ..... £1399

35 F2 AFD ..... £289

50 F1.4 AFD ..... £279

50 F1.8 G ..... £169

50 F1.8 AFD ..... £129

60 F2.8 AFS ..... £429

70-200 F2.8 VR II ..... £1599

70-200 F4 G ED VR ..... £1029

70-300 F4.5/5.6 VR ..... £418

80-400 F4.5/5.6 VR AF G ..... £2449

85 F1.4 AFS G ..... £1175

85 F1.8 AFS G ..... £377

105 F2.8 VR macro ..... £629

200 F2 G VR II ..... £3877

200-400 F4 VR II ..... £4997

300 F2.8 AFS G VR II ..... £4189

300 F4 AFS ..... £1049

400 F2.8 AFS VR II ..... £6555

500 F4 AFS VR II ..... £5997

600 F4 AFS VR II ..... £7199

800 F5.6 AFS VR ..... £15599

TC14EII or TC17EII conv ea £329

TC20EII converter ..... £389

**FLASH & ACCESSORIES**

GP-1 ..... £199

MBD15 (D7100) ..... £279

MBD14 (D600) ..... £239

MBD12 Grip (D800/E) ..... £289

MBD11 Grip (D7000) ..... £229

MBD10 Grip (D300/D700) ..... £219

DR-5 Angle finder ..... £229

DR-6 angle finder ..... £229

SBR200 wireless rem S/Lite ..... £199

SBR1 ringflash ..... £389

SBR1CI ringflash/command ..... £579

SB-700 ..... £239

SB-910 ..... £349

SC-28 ..... £59 SC-29 ..... £69

SU-800 flash slave no box ..... £199

MC36 ..... £129 MC30 ..... £69

EN-EL3E ..... £67 EN-EL4A ..... £89

EN-EL15 ..... £59 EN-EL18 ..... £99

ME-1 Stereo Microphone ..... £109

WT-5 Wireless trans for D4 ..... £399

WU-1a wireless adapt D3200 ..... £55

NX Capture 2 ..... £169

# WANTED

We want your cameras, lenses &amp; studio equipment

## WE PART EXCHANGE

**BUY FOR CASH OR COMMISSION SALE**

Collection can be arranged.

contact us at [info@mifsuds.com](mailto:info@mifsuds.com) or ring **01803 852400**U.K.  
Stock  
Only

# SIGMA

**MIFSUDS ARE SIGMA PRO LENS STOCKISTS**  
**3 YEAR WARRANTY ALL LENSES**

8-16 F4.5/5.6 DC HSM NAF only £479

10-20 F3.5 EX DC HSM ..... £459

10-20 F4.5/5.6 EX DC CAF/NAF ..... £369

12-24 F4.5/5.6 EX DG mac MKII ..... £669

17-50 F2.8 EX DC OS HSM ..... £499

17-70 F2.8/4.5 DC OS ..... £299

18-50 F2.8/4 DC OS ..... £169

18-250 F3.5/6.3 DC OS Macro ..... £389

18-250 F3.5/6.3 DC OS NAF only ..... £299

24-70 F2.8 EX IF DG HSM ..... £589

30 F1.4 EX DC HSM NAF only ..... £299

35 F1.4 DG HSM ..... £769

50 F1.4 EX DG CAF/NAF only ..... £347

50 F2.8 EX DG ..... £269

50-150 F2.8 DC MKII ..... £799

50-500 F4/5.6 OS HSM CAF/NAF ..... £999

70-200 F2.8 EX DG OS ..... £879

70-300 4.5/5.6 APO DG mac ..... £149

85 F1.4 EX DG HSM ..... £669

105 F2.8 EX DG OS ..... £549

120-300 F2.8 EX DG OS CAF/NAF ..... £1649

120-400 F4.5/5.6 APO OS NAF only ..... £629

150 F2.8 EX DG OS ..... £699

150-500 F5/6.3 DG OS CAF/NAF ..... £749

180 F2.8 EX DG OS ..... £1299

1.4x EX DG converter ..... £189

2x EX DG converter ..... £219

EM140DG macro ringflash ..... £349

# Panasonic

Micro 4/3rds system

GH3 body

only **£1199**

GH3 + 12-35mm ..... £1999

GH3 + 14-140mm ..... £1589

G5 + 14-42mm X ..... £669

G5 + 14-42mm ..... £549

G5 body ..... £519

GX1 + 14-42mm X ..... £539

GX1 + 14-42mm ..... £429

GX1 body ..... £349

GF5 + 14-42mm X ..... £479

GF5 + 14-42mm ..... £379

GF5 body ..... £319

7-14mm F4 ..... £949

8mm F3.5 ..... £549

12-35mm F2.8 ..... £849

14-42mm F3.5/5.6 OIS X ..... £350

14-140mm F4/5.8 OIS ..... £579

20mm F1.7 ..... £269

25mm F1.4 DG ..... £439

35-100 F2.8 Power OIS X ..... £999

45mm F2.8 OIS ..... £549

45-150 F4/5.6 OIS ..... £259

45-175mm F4/5.6 OIS X ..... £319

45-200mm F4/5.6 OIS ..... £269







# NEW AT MIFSUDS

## D7100

### Nikon NOW IN STOCK



- Nikon DX-format CMOS sensor with 24.1 megapixels
- EXPEED 3, a high-performance image-processing engine with superior high-speed capability
- Standard ISO 100 to ISO 6400, range expandable up to ISO 25600
- Fast response; release time lag of approx. 0.052 s\* (\*CIPA).
- The 1.3x crop of DX mode is almost entirely covered by 51 focus points
- High-speed continuous shooting at 7 fps (in 1.3x crop of DX mode)
- High-performance viewfinder with glass pentaprism, achieving approx. 100% frame coverage
- New 3.2", wide-viewing angle, approx. 1229k-dot LCD monitor offering better visibility - even in bright conditions
- Virtual horizon useful for landscape and architectural shooting.

**D7100 body ..... £1099**

**D7100 + 18-105 VR... £1299**

## SAMYANG

### MANUAL FOCUS LENSES IN CANON/ NIKON FITS

8mm f3.5 ASPH IF MC Fisheye CAF\*..£275  
8mm f3.5 ASPH IF MC Fisheye NAF\*..£295

8mm f3.5 ASPH IF MC Fisheye CSII DH CAF\*..£275  
8mm f3.5 ASPH IF MC Fisheye CSII DH NAF\*..£295

14mm f2.8 IF ED UMC ASPH CAF .....£330  
14mm f2.8 IF ED UMC ASPH NAF .....£350

24mm f1.4 ED AS UMC CAF .....£555  
24mm f1.4 ED AS UMC NAF .....£580

35mm f1.4 AS UMC CAF .....£425  
35mm f1.4 AS UMC NAF .....£455

85mm f1.4 IF MC ASPH CAF .....£285  
85mm f1.4 IF MC ASPH NAF .....£320

500mm f6.3 MC IF Mirror T Mount.....£155  
T Mounts from.....£11.99~20.99

#### VIDEO LENSES - CAF/NAF Fits

8mm T3.8 Fisheye CS\* .....£315  
14mm T3.1 ED AS IF UMC.....£350  
24mm T1.5 ED AS UMC.....£565  
35mm T1.5 AS UMC.....£450  
85mm T1.5 AS IF UMC.....£315

\* Denotes non full frame lens



## Tokina



### AUTOFOCUS LENSES IN CANON/NIKON FITS

10-17mm f3.5/4.5 AT-X DX Fisheye \* £589

10-17mm f3.5/4.5 AT-X DX NH Fisheye . £589

11-16mm f2.8 AT-X PRO DX II \* ..... £650

11-16mm f2.8 AT-X PRO DX \* ..... £529

12-24mm f4 AT-X PRO DX II \* ..... £449

16-28mm f2.8 AT-X PRO FX..... £729

17-35mm f4 AT-X PRO FX..... £599

100mm f2.8 AT-X PRO D..... £399

\* Denotes non full frame lens

All prices correct 21/03/13. E&OE.

*Mifsuds*  
.COM

FAMILY RUN SINCE 1954

New products can be ordered directly from our website  
27-29, Bolton Street, Brixham. Devon. TQ5 9BZ.

Email: [info@mifsuds.com](mailto:info@mifsuds.com)

Tel: **01803 852 400** Web: **www.mifsuds.com**



# Lets Get **SERIOUS**

**EOS 1DX body £4849**



**EOS 6D body £1599**  
**with 24-105 f4 L IS £2179**  
**with 24-70 f4 L IS £2898**



**Part  
Exchange  
Welcome**

**EOS 5D MKIII body £2315**  
**with 24-105 f4 L IS £2959**



**For more Canon products and  
prices please see our advert elsewhere in this  
issue, check our website or give us a call!**

**We may be the best stocked dealer in the West Country  
BUT WE STILL WANT YOUR EQUIPMENT!**

**CANON - NIKON - PENTAX - SONY  
PANASONIC - LEICA - OLYMPUS  
MINOLTA - CONTAX  
BRONICA - ETRS, SQ, GS & RF  
FUJI, HASSELBLAD,  
MAMIYA - 645, RB, RZ, 6/7, TLR  
PENTAX - 645MF / AF, 6X7  
LARGE FORMAT  
STUDIO EQUIPMENT ETC.**

**PART  
EXCHANGE  
BUY FOR  
CASH  
COMMISSION  
SELL  
Collection can  
be arranged**

In the first instance please email details -- [info@mifsuds.com](mailto:info@mifsuds.com)

27-29, Bolton Street, Brixham. Devon. TQ5 9BZ.  
Tel: **01803 852 400** Web: [www.mifsuds.com](http://www.mifsuds.com)

*Mifsuds*  
.COM  
FAMILY RUN SINCE 1954









Check Out Our New Look Website  
Buy On-Line 24/7 - Shop Open Mon-Fri 9 till 5.30

Sigma 100-300mm F4 Apo EX HSM.....	E++ E499
Sigma 135-400mm F4.5-5.6 Apo D.....	E++ E499
Sigma 170-500mm F5.6-6.3 Apo D.....	E++ E499
Tamron 10-24mm F3.5-4.5 Di II LD Asph.....	E++ E259
Tamron 18-270mm F3.5-6.3 Di VC.....	E++ E239
Tamron 28-300mm F4.5-6.3 XR Di.....	E++ E219
Tamron 70-300mm F4.5-6.3 AF LD.....	E++ E219
Tamron 90mm F2.8 SP Di Macro.....	E++ E259
Tokina 12-24mm F4 ATX PRO SD.....	E++ E299
Tokina 24-200mm F3.5-5.6 ATX.....	Unused E129 - E149
Tokina 35mm F2.8 Macro DX ATX.....	E++ / Mint- E289 - E299

Tokina 35-300mm F4.5-6.7.....	Unused E99
Tokina 300mm F2.8 ATX.....	E++ E349
Zeiss 85mm F1.4 Planar ZF.....	Mint- E749
Sigma 2x Apo EX Converter.....	E++ E399
Jessops 2x MC AFD Converter.....	E++ E399
TC-14E1 Converter.....	E++ E239 - E249
TC-20E Converter.....	E++ E149
TC16A Teleconverter.....	Unused E99
Metz 34AF-3N Flash.....	E++ E29
Metz 44 AF1 Digital.....	Mint E69
Sigma EF430 Flash.....	E++ E39
Sigma EF500 DG ST Flash.....	E++ E39
Sigma EF500 ST DG TTL Flash.....	E++ E39
Sigma EF500 Super Flash.....	Unused E79
Sigma EM 140 DG Macroflash.....	E++ E149 - E169
SB-R200 Speedlight.....	E++ E119
SB218 Ringflash.....	E++ E99 - E179
SB22 Speedlight.....	E++ E39
SB22S Speedlight.....	E++ E39
SB24 Speedlight.....	E++ E49
SB25 Speedlight.....	E++ E49 - E59
SB26 Speedlight.....	E++ / E++ E49 - E59
SB27 Speedlight.....	E++ / E++ E49 - E59
SB28 Speedlight.....	E++ / E++ E49 - E59
SB29 Speedlight.....	E++ E179
SB400 Speedlight.....	E++ E79
SB500X Speedlight.....	E++ / E++ E69 - E79
SB800 Speedlight.....	E++ E199 - E219
SB800X Speedlight.....	E++ E79
SB900 Speedlight.....	E++ E229 - E249
SU800 Wireless Commander.....	E++ E189

## Nikon Manual



F2 Black High Speed.....	Unused E3,999
F3HP + M4 Motor Drive.....	E++ / E++ E179 - E199
F3HP Body Only.....	E++ / E++ E149 - E219
F3 - M4 Motor Drive.....	E++ E219
F3 - MF14 Databack.....	E++ E219
F3 Body Only.....	E++ E129
F2AS Black Body Only.....	E++ E349
F2A Black Body Only.....	Exc / E++ E199 - E249
F2A Chrome Body Only.....	E++ E189 - E239
F2 Chromatic Chrome Body Only.....	Exc / E++ E149 - E199
F2 Chrome Body Only.....	Exc E175
FM3A Black Body Only.....	E++ E349
FM2N Black Body Only.....	E++ E159
FM2N Chrome Body Only.....	E++ / E++ E125 - E179
FM Black Body Only.....	Exc E79
FM Chrome Body Only.....	Exc / E++ E79 - E119
F2 Black Body Only.....	E++ E129
F2 Chrome Body Only.....	E++ / E++ E119 - E129
FE Chrome Body Only.....	E++ E79 - E99
FG Chrome Body Only.....	E++ E49
F20 Chrome Body Only.....	E++ E39
F301 Body Only.....	E++ / E++ E29 - E39
F13 Black Body Only.....	E++ E89
F12 Black Body Only.....	E++ / E++ E75 - E119
FTN Black Body Only.....	E++ E79
EL2 Chrome Body Only.....	E++ E75
EL Black Body Only.....	E++ E79
EM Body Only.....	E++ / E++ E39 - E45
24mm F2.8 AIS.....	E++ E129
25-50mm F4 AI.....	E++ E179
28mm F2.8 AI.....	E++ E145
28-45mm F4.5 AI.....	E++ E179
35mm F1.4 AIS.....	E++ E549
35mm F2.8 AIS.....	E++ / E++ E239 - E349
35mm F2.8 AIS.....	Exc / E++ E69 - E149
35mm F2.8 Non AI.....	As Seen E59
35mm F2.8 PC Shift.....	E++ / E++ E229 - E249
35-105mm F3.5-4.5 AIS.....	Exc / E++ E49 - E69
43-80mm F3.5 Non AI.....	E++ E75
45mm F2.8 BN Auto.....	E++ E149 - E175
45mm F2.8 P.....	E++ / Mint- E249
50mm F1.2 AI.....	E++ E299
50mm F1.2 AIS.....	Mint- E599
50mm F1.8 AIS.....	E++ E79 - E99
50-300mm F4.5 AI.....	E++ E399
50mm F2.8 AIS Micro.....	E++ / E++ E125 - E179
70-210mm F4 Series E.....	As Seen E49
80-200mm F4.5 AI.....	As Seen E59
105mm F1.8 AIS.....	E++ E349
105mm F2.5 AIS.....	Exc E39
105mm F2.8 AIS Micro.....	Mint- E399
135mm F2.8 Non AI.....	E++ E75
135mm F3.5 Non AI.....	Exc / E++ E49 - E65
135mm F3.5 Non AI.....	E++ E69
180mm F2.8 AI.....	E++ E249
180mm F2.8 ED AIS.....	E++ / Unused E289 - E399
200mm F2.8 ED AIS.....	Unused E2,499
200mm F4 AI.....	E++ E79
200mm F4 Non AI.....	E++ / E++ E49 - E79
200mm F5.6 Medical.....	E++ E399
300mm F4.5 Non AI.....	E++ E125
400mm F2.8 FED AIS.....	Unused E2,499
400mm F3.5 FED AIS.....	E++ E749
500mm F8 Reflex.....	E++ / E++ E349
1000mm F11 Reflex.....	Unused E3,499
Schneider 28mm F2.8 PC.....	E++ E599
Schneider 200-500mm F8.9.....	E++ E249
Zeiss 100mm F2.8 ZF Macro.....	E++ E899 - E949
SB11 Speedlight.....	E++ / Unused E79 - E175
SB12 Speedlight.....	E++ E29 - E39
SB15 Speedlight.....	E++ / E++ E29 - E35

SB16 Speedlight.....	E++ E59 - E75
SB17 Speedlight.....	E++ E35
SB18 Speedlight.....	E++ / Unused E10 - E30
SB20 Speedlight.....	E++ E39 - E49
SB218 Ringflash.....	E++ E149
SB4 Speedlight.....	E++ E15
SC12 Flash Cord.....	Unused E30
SC14 Flash Cord.....	E++ E15
SC17 Flash Cord.....	E++ / Mint- E15 - E25
SC24 Flash Cord.....	E++ E20
SD-6 Battery Pack.....	Unused E35 - E50
Slave Controller SU4.....	E++ / Mint E30 - E35
SR2 Ring Light Unit.....	E++ E49

## Olympus OM Series

OM4 Black Body Only.....	Exc E129
OM2SP Black Body Only.....	As Seen / E++ E49 - E79
OM2N Chrome Body Only.....	E++ E75
OM2 Black Body Only.....	E++ E69
OM2 Chrome Body Only.....	E++ E79
OM1 Chrome Body Only.....	Exc E39
OM40 Black + 50mm F1.8.....	E++ E49
OM40 Black Body Only.....	Exc / E++ E49 - E79
OM30 Chrome Body Only.....	E++ E39
OM10 Chrome Body + M/Adapter.....	E++ E39
OM10 Chrome Body + T20 Flash.....	E++ E35
OM10 Chrome Body Only.....	E++ / E++ E29 - E35
OM101 + 50mm + 35-70mm + 70-210mm.....	As Seen E39
21mm F3.5 Zuiko.....	E++ / E++ E229 - E299
35mm F2.8 Zuiko.....	E++ E59
35-70mm F4 Zuiko.....	Exc / E++ E29 - E39
35-105mm F3.5-4.5 Zuiko.....	E++ E39
50mm F3.5 Macro Zuiko.....	E++ / E++ E75 - E119
50-250mm F5 Zuiko.....	E++ E349
65-200mm F4 Zuiko.....	E++ / E++ E99 - E159
75-150mm F4 Zuiko.....	E++ E29 - E39
80mm F4 Macro Zuiko.....	E++ / E++ E175 - E199
135mm F3.5 Zuiko.....	Exc E20
Tamron 60-300mm F3.8-5.4 SP.....	E++ E49
Tamron 300mm F5.6.....	E++ E79
T280 Flash.....	E++ E65
OA310 Flash.....	E++ E15
T18 Flash.....	E++ E10
T28 Flash Head.....	E++ / E++ E9 - E25
T32 Flash.....	E++ E20 - E55
145 Hammerhead Flash.....	E++ E175
Power Source Grip 2.....	E++ E39

## Pentax 645 Series

645N + 45-85mm F4.5 FA.....	E++ E799
645N Complete.....	E++ E549
35-55mm F4.5 AL FA.....	Mint- E1,399
45mm F2.8 A.....	E++ / E++ E229 - E249
55mm F2.8 A.....	E++ E399
60-120mm F4.5 A.....	E++ / E++ E299 - E399
150mm F3.5 A.....	Unknown / E++ E159 - E199
400mm F5.6 ED (IF) FA.....	E++ E1,299
120 Insert.....	E++ / E++ E35 - E59
220 Insert.....	E++ / E++ E25 - E59
Finder Magnifier.....	Mint- E249

## Pentax 67 Series

6x7 Mirror Up Complete + TTL Prism.....	E++ E499
6x7 Mirror Up + TTL Prism.....	E++ E399
6x7 Mirror Up + Prism.....	E++ E299
35mm F4.5 Heliye Takumar.....	E++ / Mint- E379 - E499
45mm F4.5 SMC.....	E++ / Mint- E349 - E449
135mm F4 Macro.....	E++ E299
135mm F4 Macro Takumar.....	Exc / E++ E149
165mm F2.8.....	Exc E199
200mm F4.....	E++ E199
200mm F4 Takumar.....	As Seen / E++ E89 - E199
300mm F4.....	E++ / E++ E199 - E349
300mm F4 Takumar.....	As Seen / E++ E159 - E349
500mm F5.6.....	E++ E699 - E899
16-2x Rear Converter.....	E++ E149
Vivitar 2x Converter.....	E++ E79
Autobellows.....	E++ E349
Extension Tube Set.....	E++ / E++ E69 - E75
Plain Prism.....	E++ E95
Waist Level Finder.....	E++ E69
Wooden Grip 6x7/67.....	E++ E59

## Pentax AF

Z1-P Body Only.....	E++ / E++ E69 - E89
Z1-P Body Only.....	E++ E69
Z50 Body Only.....	E++ E29
MZ7 + 28-80mm.....	E++ E69
MZ5 + 28-80mm.....	E++ E79
MZ6 + 28-80mm.....	E++ E49
MZ30 + 28-80mm.....	E++ E35
MZ30 + 35-80mm.....	E++ E35
SF7N Body Only.....	E++ E35 - E39
SF7 Body Only.....	As Seen E39
SF7 + 28-30mm.....	E++ E39
MZM + 35-80mm.....	E++ / E++ E39
MZM Body Only.....	E++ E39
6000AFN Macroflash.....	E++ E59
15mm F4 DA ED AL Limited.....	Mint- E489
17-70mm F4 DA AL (IF) SDM.....	E++ / Mint- E299
18-35mm F4.5-6.3 DA J.....	Mint- E149
35-55mm F3.5-5.6 DA AL.....	E++ E49
28-70mm F4 FA.....	E++ / E++ E49 - E69
28-80mm F3.5-4.5 SMC F.....	E++ E35
28-80mm F3.5-5.6 FA.....	E++ / E++ E49
28-200mm F3.8-5.6 FA IF AL.....	E++ E125

35-80mm F4-5.6 SMC F.....	E++ / E++ E19 - E25
50mm F1.4 SMC FA.....	Mint- E229
50mm F2.8 SMC D FA Macro.....	E++ E299
80-200mm F4.7-5.6 F.....	E++ E59
100-300mm F5.6-6.7 AF.....	E++ E59
Sigma 50-500mm F4-6.3 Apo DG.....	E++ / E++ E499 - E549
Sigma 70-200mm F2.8 Apo EX.....	E++ E399
Sigma 70-300mm F4-5.6 Apo Macro Super.....	E++ E79
Sigma 70-300mm F4-5.6 DL Macro.....	E++ E59
Sigma 100-300mm F4.5-6.7 DL.....	E++ E59
Sigma 105mm F2.8 EX DG Macro.....	E++ E269
Sigma 120-400mm H4.5-5.6 Apo DG HSM.....	E++ E529
Sigma 150-500mm F6.3 Apo DG HSM OS.....	E++ E599
Tamron 28-200mm F3.8-5.6 XR.....	Mint- E119
Tamron 80-210mm F4.5-5.6 AF.....	E++ E49
Tamron 90mm F2.8 SP AF Macro.....	E++ E219
Tokina 19-35mm F3.5-4.5 AF.....	E++ E79
AF400F12 Flash.....	E++ / E++ E49 - E89
AF500F12 Flash.....	E++ / E++ E69 - E79
AF540 F12 Flash.....	Mint- E249
Data Back F6 (MZ5).....	Mint- E45
F6 Grip.....	E++ E29

## Pentax Manual

LX + F41 Prism.....	E++ E249 - E299
MX Chrome Body Only.....	Exc / E++ E79 - E99
KM Chrome Body Only.....	E++ E99
MC-Super Chrome + 50mm F1.7.....	E++ E69
MV Black Body Only.....	E++ E39
MV Black Body Only.....	E++ E35
Super A Body + Digital Data.....	E++ E89
Program A Body Only.....	E++ E49 - E69
P50 Body Only.....	E++ E39
P30T + 28-80mm.....	E++ / E++ E49 - E59
P30T Body Only.....	E++ E39
P30N + 28-80mm.....	E++ E49
A3 + 50mm F1.7.....	E++ E59
A3 + 50mm F2.....	E++ E69
A3 Body Only.....	E++ / E++ E29 - E49
24-35mm F3.5 SMC M.....	E++ E119 - E149
28-50mm F3.5-4.5 SMC M.....	E++ E65 - E75
28-80mm F3.5-4.5 A.....	E++ E39
28-80mm F3.5-4.5 SMC A.....	E++ E59
35-70mm F2.8-3.5 SMC A.....	As Seen E39
35-80mm F4-5.6 SMC A.....	E++ / E++ E15 - E25
40-80mm F2.8-4.5 SMC M.....	E++ / E++ E39 - E59
50mm F1.4 SMC A.....	E++ E79
50mm F1.4 SMC PK.....	E++ E59
50mm F1.7 SMC A.....	E++ E59
50mm F1.7 SMC M.....	E++ / E++ E39 - E49
50mm F2 SMC M.....	E++ E15
50mm F4 SMC M Macro.....	E++ / E++ E119 - E125
70-200mm F4 SMC A.....	E++ E49
70-200mm F4 Takumar A.....	E++ E39
AF200S Flash.....	E++ E15 - E19
AF220T Flash.....	E++ E20 - E25
AF240T Flash.....	E++ / E++ E15 - E19
AF240Z Flash.....	E++ E19 - E35
AF260S Flash.....	E++ E15 - E29
AF280T Flash.....	E++ / E++ E39 - E49
AF400T Flash.....	E++ / E++ E149 - E175
Autobellows + 100mm F4 SMC.....	E++ E159
FBI + FCI Action Finder.....	E++ E125
FBI Magni Finder.....	E++ E69
Holtspring Grip.....	Mint- E25
MX Windler.....	E++ E29
Windler MEI.....	E++ / E++ E15 - E29

## Rollei 6000 Series

XAct2 Monorail.....	E++ E899
6008AF Complete.....	E++ E1,899
6008 Pro Complete.....	E++ E699
6008 Pro Body + Magazine.....	E++ E499
6008C Complete.....	E++ E699
6008 MK1 Complete.....	E++ E399
6008 Body + Mag.....	E++ E249
SLX Mk1 Complete.....	E++ E299
SLX Mk1 Complete.....	E++ E299
50mm F4 PQ.....	Exc / E++ E499 - E599
50mm F4 PQ EL.....	E++ E449
120mm F4 PQ Macro.....	E++ E799
120mm F4 PQS Makro.....	E++ E389
150mm F4 EL.....	E++ E499
150mm F4 HFT.....	E++ E149
25mm F5.6 PQS.....	E++ E449
Aluminium Case.....	E++ E69
Autobellows.....	E++ E399
Quick Tripod Coupling.....	E++ E35
RC120 Release.....	E++ / E++ E25 - E29
SCA356 Flash Adapter.....	E++ / E++ E25 - E35
45 Degree Prism.....	E++ / Mint- E149 - E299
Polaroid Mag 6008.....	E++ / Mint- E39 - E139
Polaroid Mag SLX6002/3.....	E++ / E++ E29 - E39

## Rollei Twin Lens Reflex

2.8 D Planar.....	E++ E499
T Type 1.....	E++ E249
Magic.....	E++ E149
Rolleicord II.....	As Seen / E++ E109 - E149
Panoramic Head.....	E++ E89
Pistol Grip.....	E++ E25
Rolleilux Bay 1 Meter.....	E++ E125
Tropical Case.....	E++ E75 - E125

## Voigtlander

Bessa R4A Black Body.....	E++ E449
Bessa R3M Black Body Only.....	E++ / Mint- E499
Bessa R2M + 50mm F2.....	E++ E699
Bessa R2 Olive Body Only.....	E++ E299
Bessa R Chrome Body Only.....	E++ E199
15mm Finder Black Metal.....	Mint- E119
28mm Black Finder.....	E++ E109
35mm Chrome Finder.....	E++ E119
35mm Finder Black Metal.....	Mint- E119
75mm Finder Black Metal.....	E++ E79
90mm Finder Black Metal.....	Mint- E109
Trigrip Windler.....	E++ E79
VM-E Adapter.....	Mint- E99

# OLYMPUS

## OM-D Special Offer

Purchase the award winning OM-D, with or without lens\*



- 16MP MOS Four Thirds

format sensor.

- Latest TruePic VI processor.
- Weather-sealed body.
- New, '5-axis' image stabilization.
- Shoot at up to ISO 25,600.
- Up to 9fps shooting (4.2 fps with continuous AF).
- 1.44M dot LCD electronic viewfinder.
- 3" OLED touchscreen display - tilts 80° upwards and 50° downwards.

## OM-D E-M5 + 12-50mm

Black or Silver..... £999

OM-D Body only..... £849

\*Claim your FREE CS-36-FBC Leather Case And BLN-1 Battery

OM-D body/lens kit must be purchased to qualify.

Free items by redemption, claim forms available from...

<http://olympusuk.sales-promotions.com/>



## FUJIFILM NEW! X100s



- 16.3 million pixel APS-C format X-Trans CMOS II sensor
- New EXR Processor II, offering 30% higher signal to noise ratio
- 23mm f2 lens (34.5mm equiv)
- 6fps for up to 29 images at full resolution
- Full HD video (1920 x 1080) at up to 60fps
- ISO 200-6400 standard (100-25,600 extended)
- 2,360k Dot hybrid EVF

In Stock

Email: [info@ff](mailto:info@ffordes.com)



## Camera & Optics Specialists

We're the **real** deal. Shop where the **pros** shop.

**PENTAX** Pro Dealer | Official UK Stock & Guarantees

# PENTAX *K-5 II*

High-resolution, true-to-life images with minimal noise.

Compact, solid body with dustproof, weather-resistant construction.

7FPS High-speed continuous shooting



- New SAFOX X AF module  
16.3 Megapixel stabilized  
CMOS sensor
- Weatherproof body with 77  
independent seals
- ISO 80 to 51 200



- 7 fps high-speed continuous  
shooting
- CMOS-shift Shake Reduction
- Live View on a 3" LCD  
monitor, 921 000 dots
- Full HD video recording



## *K-5 IIs*

All the features of K5 II but  
without the low pass filter for  
ultimate detail in your images

**K5 II body ..... £709.00**

**K5 IIs body ..... £829.00**

**Full range of PENTAX lenses in stock**





Visit us at: Unit 21D, Icknield Way Farm,  
Tring Road, Dunstable, LU6 2JX.

# 01582 661878

Call us Mon - Fri 8am - 5pm

Visit [www.srb-photographic.com](http://www.srb-photographic.com)  
for 1000s more SRB products

## Circular Filters

### UV Filters

SRB's UV filter absorbs the ultraviolet rays which often make outdoor photographs hazy

46mm	£6.50
49mm	£6.50
52mm	£7.00
55mm	£7.00
58mm	£8.50
62mm	£9.50
67mm	£10.50
72mm	£12.50
77mm	£15.50
82mm	£18.50
86mm	£24.00
95mm	£27.50

Sizes available: 25 to 105mm

### Circular Polarising Filters

SRB's circular polarising filters remove unwanted reflection from surfaces such as glass and water

46mm	£15.75
49mm	£15.75
52mm	£16.00
55mm	£16.00
58mm	£16.00
62mm	£16.50
67mm	£17.00
72mm	£18.00
77mm	£20.00
82mm	£25.00
86mm	£32.50

Sizes available: 25 to 86mm

### Skylight Filters

SRB's Skylight filters are used for lens protection

46mm	£11.50
49mm	£13.50
52mm	£14.95
55mm	£14.95
58mm	£16.95
62mm	£18.95
67mm	£20.95
72mm	£22.50
77mm	£25.95
82mm	£28.95
86mm	£35.50

Sizes available: 27 to 86mm

### Infra Red Filters

SRB's Infra Red Filters block visible light and transmit infrared.

46mm	£18.95
49mm	£19.95
52mm	£19.95
55mm	£20.95
58mm	£20.95
62mm	£21.95
67mm	£22.95
72mm	£24.95
77mm	£29.95
82mm	£39.95
95mm	£49.95

Sizes available: 28 to 105mm

### ND Filters

Full ND, Hard ND and Soft ND are available in:  
0.3(1 stop) 0.6(2 stop) 0.9(3 stop) 1.2(4 stop)

#### Full ND Filters

SRB's Neutral Density Filters reduces light and offers a full ND cover over your lens

46mm	£17.00
49mm	£17.00
52mm	£18.00
55mm	£19.00
58mm	£20.00
62mm	£21.00
67mm	£23.00
72mm	£26.00
77mm	£28.00
82mm	£31.00

Sizes available: 27 to 82mm

#### Hard or Soft Grad ND Filters

SRB's Graduated ND Filters are great for landscape photography

46mm	£22.00
49mm	£22.00
52mm	£23.00
55mm	£24.00
58mm	£25.00
62mm	£26.00
67mm	£28.00
72mm	£31.00
77mm	£33.00
82mm	£36.00

Sizes available: 40.5 to 82mm

### Variable ND Fader

46mm	£26.00
49mm	£27.00
52mm	£27.50
55mm	£29.50
58mm	£31.00
62mm	£32.00
67mm	£35.00
72mm	£36.00
77mm	£39.95

By rotating the outer filter you can alter the amount of light that passes through the filter, from 2 stop to 8 stop  
Scored  
4 stars in 'Amateur Photographer' Magazine



## Stepping Rings

Step rings allow you to 'Step-up' from one thread to another.

Lens Thread	Accessory Range	Lens Thread	Accessory Range
37mm	27-72	58mm	46-77
37.5mm	37-52	62mm	52-77
38.1mm	40.5-58	67mm	58-82
39mm	49-52	72mm	86-105
40mm	49	77mm	58-105
40.5mm	37-58	82mm	72-105
43mm	37-72	86mm	72-105
43.5mm	46-58	93mm	82
46mm	37-62	95mm	82-105
48mm	46-58	105mm	86-95
49mm	37-77		
52mm	46-77		
55mm	46-77		

These are just some of our stock, we have every size step ring available. You name it and we'll make it  
From £4.50

## Square Filters

### Soft ND Grad Kit



£44.95  
£39.95

Includes:  
- 3 Soft ND Filters  
- 1 Holder  
- 1 Adaptor Ring  
- 1 Filter Wallet  
- 1 Cleaning Cloth  
P Size only

### Landscape Set

Use this landscape set specifically to accent landscape photography shots

Includes:  
- Blue Grad Filter  
- Sunset Grad Filter  
- 0.6 Soft ND Grad Filter  
£37.50

### Black & White Set

Use this SRB filter set for black & white photography

Includes:  
- Red Filter  
- Green Filter  
- Orange Filter  
- Yellow Filter  
£39.95

### Full ND Set

SRB's ND filters are used to tone down a bright sky

Includes:  
- 0.3 Full ND Filter  
- 0.6 Full ND Filter  
- 0.9 Full ND Filter  
£34.95

### Soft ND Grad Set

SRB's ND filters are used to tone down a bright sky

Includes:  
- 0.3 Soft ND Grad Filter  
- 0.6 Soft ND Grad Filter  
- 0.9 Soft ND Grad Filter  
£34.95

### Hard ND Grad Set

SRB's ND filters are used to tone down a bright sky

Includes:  
- 0.3 Hard ND Grad Filter  
- 0.6 Hard ND Grad Filter  
- 0.9 Hard ND Grad Filter  
£34.95

### Filter Wallets

A Size £9.95  
P Size £9.95



### Holders

A Size £8.95  
P Size £5.00  
P Size Wide Angle £5.00

### Adaptor Rings

37mm A Size	£4.00
40.5mm A Size	£4.00
46mm A & P Size	£4.00
49mm A & P Size	£4.00
52mm A & P Size	£4.00
55mm A & P Size	£4.00
58mm A & P Size	£4.00
62mm A & P Size	£4.00
67mm P Size	£4.00
72mm P Size	£4.00
77mm P Size	£4.00
82mm P Size	£4.00

### Individual Filters

Available in A & P Sizes unless stated

0.3 Full ND	£12.50
0.6 Full ND	£12.50
0.9 Full ND	£12.50
1.2 Full ND	£15.50
0.3 Soft ND Grad	£12.50
0.6 Soft ND Grad	£12.50
0.9 Soft ND Grad	£12.50
1.2 Soft ND Grad	£15.50
0.3 Hard ND Grad	£12.50
0.6 Hard ND Grad	£12.50
0.9 Hard ND Grad	£12.50
1.2 Hard ND Grad	£15.50
Circular Polariser*	£26.00
0.3 Reverse Grad	£48.00
0.6 Reverse Grad	£48.00
0.9 Reverse Grad	£48.00
Blue Grad	£12.50
Sunset Grad	£12.50
Twilight Grad	£12.50
Red	£12.50
Green	£12.50
Orange	£12.50
Yellow	£12.50
4x Star Effect*	£12.50
6x Star Effect*	£12.50
8x Star Effect*	£12.50

\*P Size only

## Lee Filters

Foundation Kit	£59.00
Standard Adaptors	£20.00
Wide Angle Adaptors	£40.00
ND Soft Grad Set	£180.00
ND Hard Grad Set	£180.00
Individual Filters	from £75.00

SRB are proud to stock a range of Lee Filters  
Products including:  
Holders, Adaptors, Sets, Kits, Filters, Bellows and Accessories.

### Lee Seven 5

The Lee Seven 5 is finally in stock and is designed for compact camera systems to give a photographer more control over their images when it really matters.

Holder	£66.00
Adaptors	£17.50
Hood	£66.00
Starter Kit	£114.95
Hard/Soft Grads	£59.95
ND Filters	£64.95
Big Stopper	£66.00
Circular Polarisers	£209.95

### Lee SW150

This system enables you to use graduated and standard filters on a Nikon 14-24mm lens (Other adaptors are available).

The Lee SW150 holder is fully rotational enabling greater flexibility when positioning graduated filters.

Starter Kit	
- Adaptor	
- Holder	
- 0.6 Hard Grad Filter	
	£324.95

## Shutter Release Brackets

SRB make shutter release brackets to suit all types of cameras, from the smallest compact camera to the largest DSLR camera

Compact Shutter Release Bracket	£19.95
DSLR Shutter Release Bracket	£24.95
Angled Shutter Release Bracket	£24.95



## Adaptors

We manufacture and stock a huge range of camera adaptors, listed below are just some of the adaptors that we have

Camera	Lens	
Canon EOS	M42	£16.95
Canon EOS	Nikon	£22.95
Canon EOS	Pentax K	£24.95
Canon EOS	Olympus OM	£24.95
Canon EOS	Con/Yash	£24.95
Canon EOS	Leica R	£22.95
Canon EOS	Leica M	£24.95
Canon EOS	Canon FD	£44.95

Fuji X1 Pro	M42	£24.95
Fuji X1 Pro	Leica M	£29.95
Fuji X1 Pro	Nikon	£29.95
Fuji X1 Pro	Canon EOS	£29.95
Fuji X1 Pro	Olympus OM	£29.95
Fuji X1 Pro	4/3	£29.95
Fuji X1 Pro	Canon FD	£29.95
Fuji X1 Pro	Con/Yash	£29.95

Nikon	M42	£24.95
Nikon	Canon FD	£44.95
Nikon	C Mount	£32.95

Nikon 1	M42	£24.95
Nikon 1	M39	£22.95
Nikon 1	Nikon	£29.95
Nikon 1	Canon EOS	£44.95
Nikon 1	Pentax K	£29.95
Nikon 1	Leica M	£39.95
Nikon 1	Leica R	£37.95
Nikon 1	Con/Yash	£29.95

Micro 4/3	Canon EOS	£29.95
Micro 4/3	Nikon	£29.95
Micro 4/3	Nikon G	£34.95
Micro 4/3	M42	£29.95
Micro 4/3	Olympus OM	£29.95
Micro 4/3	Minolta MD	£29.95
Micro 4/3	Leica R	£29.95
Micro 4/3	Leica M	£29.95
Micro 4/3	Sony Alpha	£34.95
Micro 4/3	Pentax K	£29.95
Micro 4/3	Canon FD	£29.95
Micro 4/3	Con/Yash	£29.95

4/3	M42	£17.95
4/3	Con/Yash	£22.95
4/3	Leica R	£22.95
4/3	Nikon	£22.95
4/3	Olympus OM	£22.95
4/3	Pentax K	£22.95

Pentax	M42	£18.95
Pentax	Nikon	£44.95
Pentax	Sony Alpha	£44.95
Pentax	Canon FD	£44.95

Sony Alpha	M42	£15.95
Sony Alpha	Minolta MD	£44.95
Sony Alpha	Nikon	£44.95
Sony Alpha	Pentax K	£44.95
Sony Alpha	Canon FD	£44.95

Sony NEX	Canon EOS	£29.95
Sony NEX	Nikon	£29.95
Sony NEX	Sony Alpha	£34.95
Sony NEX	Olympus OM	£29.95
Sony NEX	Pentax K	£29.95
Sony NEX	Leica M	£29.95
Sony NEX	Leica R	£29.95
Sony NEX	Canon FD	£42.95
Sony NEX	M39	£23.95
Sony NEX	M42	£23.95

Canon EOS-M	Canon EOS	£29.95
Canon EOS-M	Leica M	£29.95
Canon EOS-M	Nikon	£29.95
Canon EOS-M	Canon FD	£29.95
Canon EOS-M	C Mount	£29.95
Canon EOS-M	M39	£29.95
Canon EOS-M	M42	£29.95

## Close-Up Lens Set

### Close-Up Lens Set

Wins Photoplus magazine Group Test with a 90% rating (Issue 73 Spring 13)

"Image quality is impressive... set gives up to a whopping +17 dioptries magnification... An absolute steal at the price!"

These lenses can be used individually or screwed together to multiply the effect



49mm	£19.95
52mm	£19.95
55mm	£19.95
58mm	£19.95
62mm	£19.95
67mm	£19.95
72mm	£19.95
77mm	£19.95

## Hoods & Caps

### Reversible Petal Hoods

52mm	Petal Hood	£10.95
55mm	Petal Hood	£10.95
58mm	Petal Hood	£11.95
62mm	Petal Hood	£11.95
67mm	Petal Hood	£12.50
72mm	Petal Hood	£12.50
77mm	Petal Hood	£13.50
82mm	Petal Hood	£13.50

### Rubber Lens Hoods

49mm	Rubber Hood	£4.95
52mm	Rubber Hood	£4.95
55mm	Rubber Hood	£4.95
58mm	Rubber Hood	£4.95
62mm	Rubber Hood	£4.95
67mm	Rubber Hood	£4.95
72mm	Rubber Hood	£4.95
77mm	Rubber Hood	£4.95

### Lens Snap Caps

46mm	Lens Cap	£3.95
49mm	Lens Cap	£3.95
52mm	Lens Cap	£3.95
55mm	Lens Cap	£3.95
58mm	Lens Cap	£3.95
62mm	Lens Cap	£3.95
67mm	Lens Cap	£3.95
72mm	Lens Cap	£3.95
77mm	Lens Cap	£3.95
82mm	Lens Cap	£3.95

Sizes available: 27 to 82mm

## Cleaning

3in1 Cleaning Kit	£7.50
6in1 Cleaning Kit	£9.95
Lens Pen	£4.95
Cleaning Cloth with case	£5.95
Hurricane Blower	£4.95
Blower Brush	£3.50
Dust Blower	£4.95
Cleaning Solution	£4.95

## Accessories

### Memory Card Cases

SRB's cases come in five sizes, designed to take all types of cards. The cases are waterproof & shockproof. £9.95

### Spirit Level

This fits into your camera's hot shoe and displays how level your camera is on both planes  
2 way £9.50  
3 way £12.50

### 2 in 1 Reflector

This product is great for lighting in studio photography

40cm	£8.95
80cm	£12.95
110cm	£15.95

### 5 in 1 Ref



# YORK CAMERAS (LONDON) LTD

Telephone: 020 7242 7182  
Email: sales@yorkcameras.co.uk

## USED BARGAINS

### CANON DIGITAL SYSTEM

#### Full Frame Sensor

1DS MkII body box	Mint- £2499
1DS MkII body box	Exc++ £1299
5D Mk-I body	Mint- £949
5D Mk-I body	Exc++ £599
5D MkII body box	Mint- £1249
1DS Mk-I body box	Exc++ £549

#### APS-H SENSOR

1D MKIV body	Exc++ £2599
EOS 1D MKIV Body Box	M- £2999
EOS 1D MKIII Body Box	Mint- £1299
EOS 1D MKIII Body Box	Exc++ £1099
EOS 1D MKIII Body Box	Exc++ £999

#### APS-C SENSOR

40D body box	Mint- £429
40D body	Exc++ £399
30D body box	Exc++ £269
30D body box	Exc++ £249
60D + EFS 18-55mm IS BOX	Mint- £629
400D + Cosina 18-35mm	Exc++ £199
450D + EFS 18-55mm	Mint- £229
550D + 18-55 IS	Mint- £399
10D Body	Exc++ £125

### CANON EF/EFS LENSES

EF 20-35mm f2.8 L	Exc++ £399
EF 20-35mm f3.5-5.6 USM	Mint- £299
EF 24-70mm f2.8 L Box	Mint- £1099
EF 24-70mm f2.8 L + Hood	Exc++ £990
EF 24-85mm f3.5-5.6 USM	Exc++ £199
EF 28-105mm f3.5-5.6 USM	Exc++ £169
EF 28-135mm IS USM	Exc++ £249
EF 28-300mm f3.5-5.6 L IS box	Mint- £1799
EF 70-200mm f2.8 LIS	Exc++ £1150
EF 70-200 f2.8 L	Exc++ £799
EF 70-200mm f2.8 L IS + Box	Mint- £1299
EF 70-210mm f3.5-5.6	Mint- £199

EF 70-300mm f4.5-6.3 LIS Display Model	£999
--	------

EF 75-300mm f4.5-6.3	Mint- £179
EF 80-200mm MkII	Exc++ £99
EF 80-200mm f4.5-5.6 + hood	Mint- £119
EF 100-400mm f4.5-5.6 L IS	Exc++ £999
EF 28mm f2.8	Mint- £199
EF 35mm f2	Mint- £189
EF 50mm f1.2 L	Mint- £999
EF 50mm f1.2 L	Mint- £1099
EF 50mm f1.8 Mk-I	Mint- £199
EF 135mm f2 L	Mint- £849
EF 180mm f3.5 L Macro	Mint- £999
EF 300 f4 LIS	Mint- £949
EF 300 f2.8 LIS + case	Exc++ £3499
EF 300mm f4 L IS case	Mint- £949

EF 500mm f4 L IS Hood Canon Case	Mint- £4,999
----------------------------------	--------------

EF 1.4x MkII Extender	Mint- £2599£279
EF 2x MkII extender	Exc++ £249
EF 2x MkII extender	Exc++ £269
EF 2x MkII extender	Exc++ £179
EF 2x MkII extender	Mint- £199

### EOS ACCESSORIES

550EX Speedlite	Exc++ £199
550EX II Speedlite Box	Exc++ £329
220EX Speedlite	Mint- £119
WFT-E4 II B Transmitter	Mint- £389
BG-E3 (350/400)	Mint- £45
BG-E4 (50MKII)	Mint- £115
BG-E6 (50MKII)	Exc++ £129
BG-E9 (60D)	Mint- £139
LP-E4 (10S/1D Mark 3 Series)	Mint- £99
AK-E2	Mint- £49
ST-E2 Transmitter Box	Mint- £149
CP-E4 Box	Mint- £139
Angle Finder C Box	Mint- £135

Aquatech sound blimp designed for 1D MKIII & 1D MKIV with EF24-70 f2.8 L Mk-I	Mint- £699
---	------------

Ray flash ring designed for 580 EX. Box	Mint- £399
---	------------

### EOS PRO 35MM SLR

EOS 1N RS body box	Mint- £469
EOS 1N body	Mint- £249
EOS 3 body	Exc++ £195

### CANON DIGITAL COMPACT

Powershot G10 + box	Exc++ £199
G11 Box	Mint- £275
G7	Exc++ £129

### LEICA DIGITAL

Leica D-Lux 3 Box	Mint- £249
-------------------	------------

### REALLY RIGHT STUFF

Angle Bracket 1D MkIV	Mint- £399
Angle Bracket 5D MkII	Mint- £399
Tripod Plate BL MkII fits Series III 1DS + 1D	Mint- £399

### TIFFEN FILTERS

77mm CPL + B12 Warm	Mint- £100
82mm CPL + B12 Warm	Mint- £100
Complete with Tiffen case	Mint- £399

### SIGMA

70-300mm f4.5-6.3 DG + Hood	Mint- £129
100-300mm f4 APO HSM	Exc++ £549
150mm f2.8 APO, Macro EX, DG, HSM, Case, Hood	Mint- £499
Sigma 95mm circular PL filter	Mint- £399

### CANON FD SYSTEM

F-1 AE body box	Mint- £899
A1 + 50mm f1.8	Exc++ £199
A1 + Program + 50 f1.8	£1799
A1 + 50mm f1.8	Exc++ £139
A1 + 50mm f1.8	Exc++ £1499
A1 + 50mm f1.8	Mint- £199
FTB QL + 50mm f1.8	Exc++ £249
T90 Case	Mint- £25
Angle Finder B	Mint- £79
Canon Booster Box, Case Pellic Q or FTQL	Mint- £30
Photomic Unit F	Mint- £49
F4/3 Camera Holder	Mint- £799
Macroholder MNA-52 Adapter	Mint- £39
FD Winder A	Exc++ £25
FD Winder A	Mint- £39
FD Speedlite 244T	Mint- £25
FD Speedlite 300TL	Mint- £39
Hove T90 Instruction	Mint- £13
FD 28mm f2.8	Mint- £99
FD 28mm f2.8	Mint- £79
FD 28mm f2.8	Mint- £79
FD 35mm f2.8 SSC breech lock	Exc++ £199
FD 35mm f2.8	Mint- £129
FD 50mm f1.2 L	Mint- £599
FD 50mm f1.2	Mint- £399
FD 135mm f3.5 B/L	Exc++ £99
FD 200mm f4 Macro	Mint- £249
FD 200mm f4	Mint- £79
FD 500mm f4.5L	Exc++ £749
FD 70-210mm f4	Mint- £120
FD 70-210mm f4	Mint- £115
FD 100-300mm f5.6	Mint- £149
FD 50-300mm f4.5L	Mint- £999
FD 2XB Extender	Mint- £399
FL 50mm f1.8	Mint- £49

### CANON FD LENS HOOD

W-62 Box	Mint- £19
BW-58C	Exc++ £10
BS-55	Exc++ £14
BT-52, Box	Exc++ £10
BT-52B, Box	Mint- £20
BS-52	Mint- £15
BW-52B	Exc++ £10
Macro Hood, Box	Mint- £20

### SUPER 8 CINE

Bolex 150 Super	Mint- £299
Canon 319 + case	Exc++ £149
Canon Auto Zoom 518	Exc++ £149
Canon Auto Zoom 814	Exc++ £249

### OLYMPUS SYSTEM

OM40 body	Exc++ £35
Winder 2	Exc++ £25
Zuiko 28-48mm f4	Exc++ £59
Zuiko 65-200mm f4	Exc++ £69
Visitar Series 1 28-90mm	Exc++ £79
Zuiko 35-70mm f4	Exc++ £49
Zuiko 35-70mm f3.5-5.6	Exc++ £99
Zuiko 75-150mm f4	Exc++ £599
Zuiko 70-210mm f4.5-6.3	Exc++ £59
Tokina 70-210mm f4.5-6.3	Exc++ £29
Hoya HMC 200mm f3.5	Exc++ £25
Olympus XA2 + A11	Exc++ £899
Olympus Trip 35	Exc++ £99
KODAK MJU-1	Exc++ £49

### KODAK CIRCA 1950s

Refina 1A + case	Exc++ £129
Refina 11C + case	Exc++ £199
Refinette 1A + case	Mint- £99
Refinette 1A + case	Mint- £99
Refinette 1B, Hood, Filter, Case	Exc++ £129

### CONTAX G SYSTEM

G1 + 45mm f2 Planar	Exc++ £499
90mm f1.7 Sonnar + Hood	Exc++ £349
TLA 280 Speedlite	Mint- £199
TLA-20 Speedlite	Mint- £49

### RICOH DIGITAL

GX200 c/w VF box	Mint- £169
GX100	Exc++ £129

TC-1 box	Mint- £39
HA-2 box	Mint- £35
GRD III box	Mint- £299
GW-2 box	Mint- £39
GH-2 box	Mint- £39
28-300mm f4.5-6.3	Mint- £169
24-72mm f1.8	Mint- £249
28mm f2.5 A12 Box	Mint- £429

### NIKON DIGITAL SYSTEM

D300S body box	Mint- £899
D300 body box	Mint- £399
AF 16mm f2.8D fisheye	Mint- £499
AFS 17-35mm f2.8D + HB-23	Mint- £1299
AFS 18-35mm GVR	Mint- £399
AF 24-85mm f2.8-4D + HB25	Exc++ £399
AFS 55-200mm GDX	Mint- £149
AF 75-300mm f4.5-6.3	Mint- £169

### SIGMA NIKON AF

24-70mm f2.8 EX DG	Exc++ £299
18-200mm f3.5-5.6 DC	Exc++ £149
18-200mm f3.5-5.6 DG OS HSM	Exc++ £229
55-200mm f4.5-6.3 DC	Mint- £79
55-200mm HSMDC + hood	Mint- £39

### NIKON 35MM FILM SLR

F2 Photonic + 50mm f2	Exc++ £499
F2N Body	Exc++ £249
N90S + MB10	Exc++ £99
CF-D 100	Mint- £39
Nikkor 16mm f2.8 AI Fisheye	Mint- £599
Nikkor 24mm f2.8 AIS	Exc++ £269
Nikkor 25-50mm f4 AIS	Exc++ £349
Nikkor 28mm f2.8 AIS Series E	Exc++ £39
Nikkor 28mm f3.5 PC	Exc++ £599
Nikkor 35mm f2.8 AI	Exc++ £149
Visitar 35-105mm Non AI	Exc++ £39
Rokina 38-85mm f3.5 AI	Exc++ £149
Nikkor 50-135mm f3.5 AIS	Exc++ £79
Visitar 70-210mm f4.5 AIS	Mint- £39
Nikkor 85mm f1.8 Gokogaku	Exc++ £249
Nikkor 105 f2.5 AIS	Exc++ £179
Nikkor 105 f2.5 AI	Mint- £199
Nikkor 105 f4 AIS Micro	Exc++ £199
Nikkor PK-11A Tube	Mint- £79
Nikkor PK-11 Tube	Exc++ £59
Nikkor PK-12 Tube	Exc++ £99
Nikkor PK-13 Tube	Exc++ £79
Nikon PK 11, 12, 13 Tubes	Mint- £149
Nikon 72mm LBC	Mint- £99
Nikon HX23	Mint- £29
Nikon HB-20	Mint- £20

### HASSELBLAD XPAN

Xpan Body c/w 45mm f4	Mint- £199
Xpan 90mm f4	M- £499
Kit Price	£1999

All boxed in Mint condition

### MAMIYA 645 OUTFIT

645 Pro TL body, drive unit extra film back + 3 lenses.

45mm f2.8, 80mm f2.8, 150mm f2.8

### HASSELBLAD 500CM OUTFIT

500M, WLF, 80mm f2.8 (prism finder not Hassel)

Exc++ £899

### PENTAX 6X7 OUTFIT

Body + AE meter prism wooden hand grip 45mm f4,

105mm f2.4, 200mm f4.2x converters, filters, case

M- £1699

### ROLLEI 6X6 ACCESSORIES

Rollei magnifier hood MB leather needs attention

Exc++ £39

Rolleikin + case

Exc++ £79

Rollei yellow/green + case

Exc++ £30

### PENTAX PK SYSTEM

K1000 SE + 50mm f1.7 SMC-M

Mint- £199

K1000 + 55mm f1.8 SMC

Exc++ £179

K1000 + 50mm f1.7 SMC-M

Exc++ £199

Program A Body

Exc++ £59

P90 Body

Exc++ £39

Pentax LX Case

Exc++ £39

Pentax SMC-M 40mm f2.8

Exc++ £149

Pentax SMC-M 50mm f1.4

Exc++ £149

Pentax T6 2x rear converter

Mint- £99

Pentax Auto Bellows M

Mint- £149

### PENTAX M42 SYSTEM

Spotmatic F (Honeywell) SMC 55 f1.8 Lens

Exc++ £199

Spotmatic + 50mm f1.4

Exc++ £149

Asahi Bellows

Exc++ £49

Asahi Eyepiece Magnifier

Exc++ £35

Asahi Clip-on flash shoe

Mint- £25

Super Takumar 105 f2.8

Exc++ £99

Super Takumar 135 f3.5

Mint- £99

Takumar 300mm f4

Exc++ £299

Pentacom Bellows Unit with slide copier + bones

Exc++ £99

### FUJI

ST 801 + 50mm f1.4 + case

Mint- £199

### PRAKTICA

BX-20 + 50mm f1.8

Mint- £39

### VOIGTLANDER

Vito III (1950 circa) with leather case

Exc++ £149

## WANTED FOR CASH Exclusively... Nikon HIGHEST PRICES PAID

Grays of Westminster are always seeking mint or near-mint examples of Nikon equipment:

Nikon cameras, AF-D Nikkor lenses, AF-S Silent Wave Nikkor lenses, AF Micro-Nikkor lenses, Nikon Speedlights, Nikkor AIS & AI Manual Focus Lenses

Please telephone 020-7828 4925 or you can email us at info@graysofwestminster.com for our highest offer.

Grays of Westminster  
- Exclusively... Nikon  
40 Churton Street, Pimlico  
London SW1V 2LP



www.graysofwestminster.co.uk

# WE BUY FOR CASH

All makes - and we always offer a fair price

## URGENTLY REQUIRED...

Digital including:

NIKON. CANON. SIGMA. TOKINA. TAMRON.  
SONY. OLYMPUS. PENTAX. PANASONIC. LEICA.

Film including:





## ★ AS SEEN AT FOCUS ON IMAGING ★

“ I have just set up my new iLux CD500 soft box and umbrella kit. So far the quality is excellent and the whole kit is undoubtedly great value for money. ”

**Chris Jullings**, Chris Jullings Photography

“ The iLux CD500 never missed a single flash, output was consistent and the cooling system works really efficiently, even though I was shooting with modelling lights continuously from 7 'till 12. ”

**Paul Dobson**, Paul Dobson Photography

“ Overall, for the money, and features, initial impressions of the iLux RD 300 heads are very favourable compared to the more expensive Lencarta EP300. ”

**Steven Clements (Tenchy)**, professional photographer and reviewer at [www.photography-forum.org](http://www.photography-forum.org)

“ I purchased an iLux CD500 soft box kit with beauty dish, honeycomb and diffuser recently. The price point is exceptional compared to other leading brands, yet easily comparable in quality. ”

**Gareth Bowman**, Gareth Bowman Photography

### PROFESSIONAL LIGHTING

- ★ Optoelectronics, precision made in Germany by Perkin Elmer.
- ★ Efficient fan cooling system for maximising longevity of on board components.
- ★ Recycle times from 0.2s to 2s (full power).
- ★ Output range from 1/32nd of a stop to full power.
- ★ Large digital display accurate to 1/10th of a stop increments.

### ... AT PHENOMENAL VALUE

One Full Kit Includes:

- ★ 2 x RD300 heads
- ★ 2 x standard (55°) reflectors
- ★ 2 x air cushioned stands
- ★ 2 x translucent umbrellas
- ★ 1 x premium quality kitbag (includes castors & telescopic handle)







Affordable online giclee printing.  
Gallery quality prints with fast turnaround.  
Intuitive upload and preview system and excellent  
customer service. Setup a trade account and send prints  
direct to your customers unbranded.

Get 10% off your first giclee order, use "amphotoapril" when  
you checkout. Visit [point101.com](http://point101.com) and our micro site [gicl.ee](http://gicl.ee).



Point101 is a member of the Fine Art Trade Guild. Photo © Yiannis Roussakis

POINT 

[www.point101.com](http://www.point101.com)



# amateur Photographer CLASSIFIED

## Cameras For Sale

**CHISWICK Camera Centre**  
Visit our secondhand website for a range of good quality used equipment  
[www.used.chiswickcameras.co.uk](http://www.used.chiswickcameras.co.uk)  
0208 995 9114  
We Buy, P/X or Commission Sale equipment

**Teddington Photographic**  
Buy and sell used photographic equipment  
[www.teddingtonphotographic.com](http://www.teddingtonphotographic.com)  
020 8977 1064

## Accessories

**★★ SPECIAL OFFERS ★★ CLEARANCE OFFERS ★★ END OF LINES ★★**

**NEW HOYA MULTI-COATED SLIM DIGITAL UV FILTERS**  
49mm £11.49 52mm £12.49  
55mm £13.49 58mm £14.49  
62mm £15.49 67mm £16.49  
72mm £18.49 77mm £21.49

**New KOOD Japanese Optical Flat Skylight or UV Filters**  
27/28/30/35/50/55/57/57.5  
39/40 5mm each £7.99  
43/46/49/52mm each £8.99  
55/58mm each £9.99  
62/67mm each £11.99  
72/77mm each £15.99  
82mm £19.99 85mm £29.99  
95mm £47.50 105mm £49.99

**CLIP-ON LENS CAPS**  
27, 28, 30, 34, 37mm £2.99 each  
40, 43, 46, 48, 49mm £3.35 each  
52, 55, 58, 62mm £3.65 each  
67, 72, 77, 82, 86mm £3.99 each

**CLEARANCE PRICES ON Kenko Digital Circular Polarizer**  
49mm £11.99 58mm £19.99  
67mm £22.99 72mm £26.99

**LINEAR POLARIZING FILTERS**  
to clear (for Manual Focus only)  
52mm and 55mm £3.99 each

**WIDE ANGLE LENS HOODS**  
49, 52, 55mm (rubber) £6.49  
58, 62, 67mm (rubber) £7.49

**RUBBER LENS HOODS**  
46, 49, 52, 55mm £3.99 each  
58, 62, 67, 72mm £5.35 each  
77mm £7.99 82mm Metal £8.99

**KOOD SOFT LENS POUCHES**  
75x110 £3.49 75x110 £3.99  
90x140 £4.49 90x170 £4.99

**HARD LENS CASES to clear**  
Small £2.99 Mid £3.99 Large £5

**S/H CLOSE-UP LENSES**  
Screw-in - ideal for flowers, coins and insects £3.99 each  
49mm +1, +2, +3, +4  
55mm +2, +3  
58mm +2, +4

**SALE S/H 35mm CAMERA KITS**  
Minolta Dynax 3008, 35/80mm  
Minolta Zoom, Sky Filter, Hood  
Mini Tripod, Carrying Case £29.95  
Canon 1000F, 28/200mm Tamron  
Zoom, Lens Hood, Mini Tripod  
and Carrying Case £33.95  
Pentax MZ30, 28/80mm AF  
Tamron, Sky Filter, Hood, Mini  
Tripod and Carrying Case £39.95  
Pentax MZ-5, 35/80mm Pentax  
Zoom, Sky Filter, Hood, Mini  
Tripod and Carrying Case £44.95  
Part-exchange Welcome

**S/H CANON EOS DIGITAL GEAR**  
Canon Rebel 6.3MB, 28/80mm  
Canon Zoom, boxed, exc £169.95  
Canon EOS 10D Body with Battery  
Grip BG-ED3, excellent £144.95  
Canon EOS 300D Body & 28/80mm  
Canon Zoom Lens, exc £157.50  
Why not part-exchange your old  
35mm gear for a digital camera!

**S/H CANON EF 28/135mm**  
f3.5/5.6 USM Image Stabilised  
Boxed - excellent - £224.95

**CLEARANCE PRICES ON BANKRUPT STOCK HOYA 55mm**  
82S, 82C, 85, 85S, 85C, Sky 1B,  
4 Star, Yellow - £2.99 each

**NEW DOI 48mm SKYLIGHT 1A**  
& Rubber Hood - to clear £1.99

**EPSON PREMIUM PAPER**  
50's Gloss10x15 (6"x4") £2.99  
30's Gloss13x18 (7"x5") £3.99

**DIGITAL MEMORY CARDS**  
Compact Flash Cards  
4GB £11.50 8GB £19.95  
LAST FEW SD CARDS  
4GB £5.99 8GB £8.99 16GB £14

**S/H M42 SCREW LENSES**  
70/160mm f3.5 Soligor £9.95  
80/200mm f4.5 Vivitar £13.50  
80/200mm f4.5/5.6 Sigma £13.95  
2X Converter & Case £1.99  
Auto Extension Tubes (3) £2.99

**£2 POST/PACKING SMALL ITEMS**

**S/H NIKON AF GEAR to clear**  
Nikon F65 Body excellent £16.95  
Nikon N60 Body excellent £22.50  
Nikon F90 Body (scruffy) £24.95  
Nikon TC-16A Converter £52.50  
Nikon Lens Hood HB-34 £3.99  
Nikon Lens Hood HB-15 £3.99  
Nikon MC30 Grip Release £3.99  
Nikon MC12 Grip Release £3.99  
Nikon Speedlite SB-27 £28.50

**S/H CANON EOS GEAR to clear**  
Canon EOS 500N Body £11.95  
Canon EOS 1000FV Body £14.50  
Canon 3000V Body £19.50  
Canon EOS 50E Body & Grip £28.95  
Canon EOS55 Body exc £35.95  
Canon EOS Wide Strap £1.99  
Canon EOS Body Cap £2.75

**S/H AF MANUAL FOCUS ONLY**  
Sigma 28/200mm f3.5/5.6 £19.95

**New Cokin X-Pro £34.95 each**  
Diffuser Light, Diffuser 3, Sunset 1,  
Grad Tobacco T2 Light

**S/H SWIFT AUDUBON H.R. BINOCULARS & CASE £99.95**

**S/H CAMERA WINDERS**  
Cosina Winder CX-W boxed £4.99  
Chinon PW-540 for CE-4S £4.99  
Pentax ME Winder II £14.50  
Ricoh XR Winder £9.95  
Jessops Canon Winder £7.99  
Minolta VC-700 Winder £14.50  
Minolta MD-90 Winder £19.95

**S/H UNUSUAL LENSES**  
Ina 35mm f2.8 P/S for Exakta £8.95  
Vivitar 2X Converter for Exakta £6.99  
Sigma 80/200mm for Roliflex £24  
Tamron 70/210mm for Voigtlander £24

**BATTERY CLEARANCE**  
PX625 £2.99 PX28 £3.99  
V76PX £1.49 MN21 99p  
CRV3 Lith £3.25 Fuji AAA 25p  
123A or CR2 Lithium £3.99 each  
2CR5 or 2CRP2 Lithium £3.99 each  
CR2016 or CR2032 £1.25 each  
CR1620 or CR1220 99p each  
CR1216 or CR1025 99p each

Mail Orders by return, ask for Trish, Dave or Dennis  
Tel: 0161 336 4603

**DENTON PHOTO CENTRE**  
OPEN MON - FRI  
11am - 3.30pm  
[www.ukfiltercentre.co.uk](http://www.ukfiltercentre.co.uk)

67 Manchester Road  
Denton, Manchester  
M34 2AF  
norton.d@btconnect.com

## Holidays & Courses

**Shoot for a new career**

Learn Photography in Central London  
Day - Evening - Weekend  
Beginners welcome

- Portrait
- Fashion
- Lighting
- Wedding
- Black + White
- Still Life
- Re-touch advanced

20 new courses now available  
[www.media-courses.com](http://www.media-courses.com)  
020 7138 2909

25% discount if you book early

London Academy of Media Film and TV

## Black & White Processing

K. HOWARD FILM PROCESSING  
DEVELOP/CONTACTS £6.00 EACH  
+ £2.00 P+P B/W, C41. 01442 231993

subscribe 0844 848 0848

## Camera Fairs

**FROME WESSEX CAMERA AND PHOTOGRAPHIC FAIR**  
Sunday 14th April 2013  
at the Cheese and Grain Hall, Market  
Yard, Frome, BA11 1BE.  
£5 early bird admission 8:30am  
£2 general admission at 9:30 - 2:30pm.  
Refreshments available, Free Parking.  
[www.fromewessexcameraclub.co.uk](http://www.fromewessexcameraclub.co.uk)

**CAMERA FAIR POTTERS BAR,**  
Sunday 7th April, Elm Court Community  
Centre, Mutton Lane, EN6 3BP. M25  
J.24, close to Potters Bar Station. Adm  
early bird 9:15am £4, after 10:30am £2.  
Refreshments. Details Peter Levinson.  
Tel: 0208 205 1518

**SOUTH LONDON CAMERA FAIR.**  
Sunday 21st April 2013. Buy, sell or  
exchange film/digital. Kemnal  
Technology College, Sevenoaks Way,  
Sidcup, Kent, DA14 5AA. 10-2 adm £3  
early entry 8.30 £10. Free camera check  
at camera clinic. For all enquiries call  
Patrick Archer on Tel - 01322 224 964  
[www.mppusers.com/camerafair](http://www.mppusers.com/camerafair)

## Clubs & Events

**Photographica 2013**  
Sunday 19th May • Doors open 10am  
UK's biggest camera  
collectors / users fair  
£5 130+ stalls  
RHS Lindley Hall, Vincent Square,  
London SW1P 2PB  
\* Free street parking • No congestion charge  
Stalls/buyers, call: 01684 594526

## Light Tents

**Light Tents, Tabletop Studios & Fluorescent Lighting**  
Fast Despatch  
all prices plus p&p  
01530 272229

80cm Tabletop Studio Kit £229.90  
200cm Portrait Studio Cube £299.00  
Acrylic Riser Tables (Black+White) £19.95  
7 Bulb Lighting + Octagon Softbox £299.00 pair  
[www.stevesphotoshop.co.uk](http://www.stevesphotoshop.co.uk)

# AP EVERYWHERE GET IT ON THE MOVE

Download it onto your iPad or via Kindle  
Fire, Barnes and Noble Nook HD, Zinio,  
Lekiosk or Pixel Mags Reader!

**NEWS: JESSOPS SHUTS ALL STORES** **TESTED: CANON'S EOS 6D**  
**amateur Photographer**  
**CANON EOS 6D**  
**BUDGET FULL FRAME DSLR**  
COMES WITH 18-135mm F3.5-5.6 IS STM lens  
THE TRUTH ABOUT SYSTEM CAMERAS  
To make your Pentax 230 the ultimate portable SLR

[www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)





# A COLLECTOR'S LIFE FOR ME

When Tony Kemplen resolved to use a different film camera each week, he discovered a treasure trove of lost gems

**THE CORONET** Midget is a little camera that certainly lives up to its name, but in today's market the price is far from midget. Weighing it at around 1oz (around 28g), and regularly fetching £100 on eBay, pound for pound it costs far more than a top-of-the-range Leica. Made in Birmingham in the 1930s, the Midgets were little more than toys. Their Bakelite bodies came in a range of colours with red being the most common. More unusual colours command higher prices, and recently a blue one sold for £450 on eBay.

A few months ago a new auction saleroom opened near where I live, and never having been to an auction I popped in just to see how it worked. Strictly as an observer the first time, but having seen the drill, I went to a viewing day for one of the regular 'collectables' sales. Hundreds of cardboard boxes were crammed with what might charitably be called antiques and collectables. However, they would more realistically be described as junk. Some boxes were themed, while many contained an eclectic mix of pre-loved treasures. There was a smattering of cameras, mostly common box cameras, but I spotted a grubby-looking miniature camera in a lot, which had assorted bits of photographic equipment, together with a sugar bowl and a teapot with a parrot motif. I've always been keen on parrots, so I thought this was as good a time as any to dip my toe into the auction scene. It all happens very quickly, with the hammer coming down twice a minute on average, and before long I had bid up to £45 and was the new owner of yet more dusty junk.

I was under no illusions that the scruffy Coronet Midget I had just acquired was an A1 specimen, but it cleaned up remarkably well. What I had thought was burn from a soldering iron turned out to be encrusted dirt. With the aid of some Brasso, it soon looked quite respectable and all seemed to work. Not that there's



much to go wrong. With the exception of the film spool, the only moving part is the single-speed shutter. There is no focus or aperture setting, although in the 1930s the manufacturer made bold claims about the quality of the single-element meniscus lens.

My box of junk also included a 1930s Rolleiflex twin-lens reflex and one of the ubiquitous Kodak Vest Pocket folders, together with assorted filters and a couple of very old rollfilms. The Rolleiflex is showing its age, but everything seems to work. In due course it will be pressed into service as my camera of the week project, which is now in its 166th week.

I'd be the first to admit that I've got far too many cameras, but I do like to use them rather than simply display them. The Midget used a proprietary rollfilm now long defunct. It took six little negatives on a paper-backed roll of 16mm film. With the aid of razor blades and old backing paper, I've managed to re-roll various extinct formats, but the sticking point here was the spool for the film. There was one in the camera, but I needed another for the supply side.

Nothing I could find would fit, but then I had a eureka moment. I cut a small piece from the shaft of a cotton bud and pushed a drawing pin into each end to make the flanges, with some backing paper from an old 110 film cartridge and some long-expired 16mm Ilford FP4 film. I was ready for action. The numbers on the 110 paper helpfully lined up with the film window on the camera, so I was able to advance the film the right amount after each exposure.

The results weren't perfect, but I was quite chuffed that I'd managed to get some pictures at all out of this old toy camera. I've proved my point, and don't intend to use it again any time soon. With the prices of Midgets as they are, my little red one will have to remain alone on the shelf. There were six other colours made, but there's no way I'm going for all seven dwarfs! **AP**



To read more about Tony's 52 cameras project, visit <http://52cameras.blogspot.com>. To see more photos from the Midget, visit [www.flickr.com/photos/tony\\_kemplen/sets/72157629811885462](http://www.flickr.com/photos/tony_kemplen/sets/72157629811885462)

## Editorial

Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU  
**Telephone** 0203 148 4138 **Fax** 0203 148 8123  
**Email** [amateurphotographer@ipcmedia.com](mailto:amateurphotographer@ipcmedia.com)  
**Picture returns:** **Telephone** 0203 148 4121  
**Email** [appicturedesk@ipcmedia.com](mailto:appicturedesk@ipcmedia.com)

## Subscriptions

**Email** [ipcsubs@quadrantsubs.com](mailto:ipcsubs@quadrantsubs.com)  
**Telephone** 0844 848 0848 or +44 (0)330 3330 233 from overseas.  
 One year (51 issues) UK £145.55; Europe/Eire €261.19;  
 North America \$371.66; Rest of World £245.67.

## Test Reports

Contact OTC for copies of camera test reports published in AP.  
**Telephone** 01707 273 773.

## Advertising

Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU. **Telephone** 0203 148 2516  
**Email** [mark\\_rankine@ipcmedia.com](mailto:mark_rankine@ipcmedia.com)  
**Classified telephone** 0203 148 2929. Fax: 0203 148 8158  
**Display telephone** 0203 148 2516. Fax: 0203 148 8158  
**Inserts call Innovator** on 0203 148 3710

## Editorial team

<b>Editor</b>	Damien Demolder
<b>Editor's PA</b>	Christine Lay
<b>Deputy/Features Editor</b>	Debbi Allen
<b>Technical Editor</b>	Richard Sibley
<b>Art Editor</b>	Mark Jacobs
<b>Production Editor</b>	Lesley Upton
<b>News Editor</b>	Chris Cheesman
<b>Deputy Technical Editor</b>	Tim Coleman
<b>Deputy Art Editor</b>	Sarah Foster
<b>Deputy Production Editor</b>	Brendan Maguire
<b>Designer</b>	Antony Green
<b>Senior Sub Editor</b>	Oliver Cotton
<b>Features Writer</b>	Oliver Atwell
<b>Photo-Science Consultant</b>	Professor Robert Newman
<b>Studio Manager</b>	Andrew Sydenham
<b>Picture Researcher</b>	Paula Benn

## Special thanks to The moderators

of the AP website Andrew Robertson, Chris Cool, Fenris Oswin, Iisadb, Nick Roberts, The Fat Controller  
 Contributors Chris Galtum, Jon Stapley

## Advertising team

<b>Advertising Director</b>	Mark Rankine	0203 148 2516
<b>Deputy Advertisement Manager</b>	Julia Spencer	0203 148 2508
<b>Senior Display Sales Exec</b>	Simon Gerard	0203 148 2510
<b>Display Sales Exec</b>	Natalie Williams	0203 148 2637
<b>Area Manager Midlands &amp; North</b>	Rob Selvey	01922 412 720
<b>Classified Sales Executive</b>	Tom Costa	0203 148 2929
<b>Display Ad Production</b>	John Jones	0203 148 2671
<b>Copy Chaser</b>	Kumu Vithiani	0203 148 2645

## Marketing and promotions

<b>Senior Marketing Manager</b>	Estelle Hicks-Bennett	0203 148 4321
<b>Online Manager</b>	Karen Sheard	0203 148 4943
<b>SPI Administrator</b>	Nadine Thomas	0203 148 4326

**Inserts Innovator Telephone** 0203 148 3710

**Repro Camden Town Typesetters Ltd Telephone** 0208 523 6700

**Printed in the UK by Wyndeham Group**

**Distributed by Marketforce**, Blue Fin Building, 110 Southwark Street, London SE1 0SU. **Telephone** 0203 148 3333

## Publishing team

<b>Group Magazines Editor</b>	Garry Coward-Williams
<b>Publishing Director</b>	Alex Robb
<b>Managing Director</b>	Paul Williams
<b>Chairman and Chief Executive</b>	Sylvia Auton

All contributions to Amateur Photographer must be original, not copies or duplicated to other publications. The editor reserves the right to shorten or modify any letter or material submitted. IPC Media or its associated companies reserves the right to re-use any submission sent to the letters column of Amateur Photographer magazine, in any format or medium, WHETHER PRINTED, ELECTRONIC OR OTHERWISE. Amateur Photographer® is a registered trademark of IPC Media © IPC Media 2015. Amateur Photographer (incorporating Photo Technique & Camera Weekly) Email: [amateurphotographer@ipcmedia.com](mailto:amateurphotographer@ipcmedia.com) Website: [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk) IPC switchboard tel: 0203 148 5000. Amateur Photographer is published weekly (51 issues per year) on the Tuesday preceding the cover date by IPC Inspire, part of IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU. Distributed by Marketforce (UK) Ltd, Blue Fin Building, 110 Southwark Street, London SE1 0SU. ISSN 0007-6840. No part of this publication may be reproduced, stored in a retrieval or transmitted in any format or medium, whether printed, electronic or otherwise, without the prior written permission of the publisher or the editor. This is considered a breach of copyright and action will be taken where this occurs. This magazine must not be lent, sold, hired or otherwise disposed of in a mutilated condition or in any authorised cover by way, or by trade, or annexed to any publication or advertising matter without first obtaining written permission from the publisher. IPC Media Ltd does not accept responsibility for loss or damage to unsolicited photographs and manuscripts, and product samples. IPC Media reserves the right to use any submissions sent to Amateur Photographer Magazine in any format or medium, including electronic. One-year subscription (51 issues) £145.55 (UK), €261.19 (Europe), \$371.66 (PANA North America), £245.67 (rest of world). The 2015 annual DLU subscription price is £286.80, airfreight and mailing in the USA by named Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd floor, Jamaica, NY 11434, USA. Periodicals postage paid at Jamaica NY 11431. US Postmaster: Send address changes to Amateur Photographer, Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd floor, Jamaica, NY 11434, USA. Subscriptions records are maintained at IPC Media, Blue Fin Building, 110 Southwark Street, London, SE1 0SU. Air Business Ltd is acting as our mailing agent.



# The latest **NEW PRODUCTS & SPECIAL OFFERS**

For even more new products and special offers, visit [www.ParkCameras.com/AP](http://www.ParkCameras.com/AP)

## Canon EOS 100D

A DSLR you'll never want to leave behind.

A small and responsive DSLR to take everywhere. The 18-megapixel EOS 100D delivers superb photos and video and features an optical viewfinder and intuitive touch-screen controls.

Body SRP £569.99  
Lens sold separately

**NEW!!**



Pre-order with Park Cameras before 30th April & receive a **FREE Canon 300EG bag** worth £79.99

Due mid-late April!

## Canon EOS 700D

Let your creativity grow.

Step into DSLR photography and let your creativity grow. Produce superb photos and video with an 18-megapixel sensor and enjoy shooting with an easy to use Vari-angle Clear View LCD II Touch screen.

Body SRP £619.99  
Lens sold separately

**NEW!!**



Pre-order with Park Cameras before 30th April & receive a **FREE Canon 300EG bag** worth £79.99

Due mid-late April!

## Pentax K-30

+ 18-55mm f/3.5-5.6 DA AL WR

The Outdoor SLR.

This mid-level DSLR offers all the standard SLR features and outstanding operability. All of that packed in a compact, weather-resistant, dustproof and lightweight body for worry-free outdoor photography

SRP £599.99

**Save £70**



Now only **£529.00**

Now only **£529.00**

## Fujifilm X20

It's time to see what you've been missing.

The X20 inherits the high-precision lens and refined design from the popular X10, whilst featuring substantially improved performance.



New & in stock at only **£499.00**

## Olympus OM-D E-M5

Classic design dedicated to image quality.

The OM-D EM-5 combines stunning looks with cutting edge technology in superb, high performance package. A 16.1 megapixel sensor is paired with a super-responsive autofocus system and powerful TruePic VI image processor to deliver rich, detailed images.

**NEW LOW PRICE!**



Visit our website for money saving offers on the Olympus OM-D and for **FREE PRODUCTS!**

From only **£849.00!**

## Tamron 24-70mm

f/2.8 Di VC USD

A high-speed standard zoom lens.

Realizing both high performance & high image quality, this high-speed standard zoom lens offers 24mm to 70mm coverage together with Tamron's exclusive VC (Vibration Compensation) system and a USD (Ultrasonic Silent Drive) motor for fast and quiet autofocus.

SRP £1,100.00



**Save £253**

Now only **£846.99**

Now only **£846.99**

## Manfrotto 190XPROL

+ 804RC2 QR 3way head  
Aluminium Tripod

This is a convenient, relatively compact tripods with a smaller cross-section than Manfrotto's professional tripods, but with all the stability, strength and versatile features that demanding photographers need.

The 804RC2 is a precise, lightweight three-way head with quick release.



New & in stock at only **£189.00**

## TAMRON LENSES

SP 90mm f/2.8 Di MACRO VC	<b>£619.00</b>
60mm f/2 macro	<b>£347.99</b>
SP AF 17-50mm f/2.8 Di II	<b>£279.00</b>
SP AF 10-24mm f/3.5-4.5 Di-II	<b>£349.00</b>
AF 18-200mm f/3.5-6.3 Di	<b>£159.99</b>
AF 18-200mm f/3.5-6.3 (Sony E)	<b>£469.00</b>
AF 18-270mm f/3.5-6.3 Di-II VC PZD	<b>£379.00</b>
SP 24-70mm f/2.8 Di VC USD	<b>£846.99</b>
SP AF 28-75mm f/2.8 XR Di Macro	<b>£359.00</b>
28-300mm f/3.5-6.3 XR Di	<b>£279.00</b>
SP AF 17-50mm f/2.8 XR Di II VC	<b>£349.00</b>
28-300mm f/3.5-6.3 XR Di VC	<b>£469.00</b>
SP 70-200mm f/2.8 Di VC USD	<b>£1,379.00</b>
70-300mm f/4-5.6 Di LD Macro	<b>£109.00</b>



## Tamrac Expedition 6x Backpack

In stock at only **£99.99**

## Tamrac Areo Zoom 20

Top-loading case for DSLR  
In stock at only **£20.99**

## Tamrac Zuma 7 Photo Backpack

In stock at only **£60.00**

# PARKCameras



Tel: 01444 23 70 60 [www.ParkCameras.com/AP](http://www.ParkCameras.com/AP)

York Road, Victoria Business Park, Burgess Hill, West Sussex RH15 9TT

Join, Follow, Tweet & Watch us on



All prices include VAT @ 20% Opening times Mon-Sat 9:00am-5:30pm; Thursday 9:00am-7:30pm; Sunday 11:00am-4:30pm. Store address : York Road, Victoria Business Park, Burgess Hill, West Sussex RH15 9TT.

We accept Visa, Mastercard & Maestro. All products are UK stock. E&OE. \* = Please mention "Amateur Photographer" for this special price

Prices correct at time of going to press; Prices subject to change; check website for latest prices.



 **PortraitPro**

New  
Version 11  
Released!

TAKE THE 'OUCH' OUT OF RETOUCHING

BEFORE - 43 YEARS OLD\*

AFTER - 32 YEARS OLD\*

### THE FASTEST, EASIEST PORTRAIT ENHANCING SOFTWARE

Portrait Professional Studio 11 automatically detects faces and features, making retouching a breeze. Tweak to chic or make subtle improvements in a few mouse clicks with this intuitive and affordable portrait editor.

- ☐ Enhance any aspect of the face, skin or hair in seconds
- ☐ Improve overall look of the photo, instantly

#### SURVEY RESULT

The subject in Portrait Pro's "after" was judged to look 11 years younger than in the "before".

'Before' - 43 years old  
(average)

'After' - 32 years old  
(average)

**EXTRA  
10%  
OFF** code  
**AP413**

AP readers get an  
**EXTRA 10% DISCOUNT**  
**OFF ANY SALE or LIST PRICE -**  
use the code **AP413**  
at [PortraitProfessional.com](http://PortraitProfessional.com).



Editor's Choice  
Photoshop Creative  
Issue 96 Jan 2013

Overall 10/10  
Photo Professional  
Issue 78 Apr 2013



**DOWNLOAD YOUR FREE TRIAL NOW FROM [WWW.PORTRAITPROFESSIONAL.COM](http://WWW.PORTRAITPROFESSIONAL.COM)!**